

Tyler Whitney

Feinberg Library 116D; 101 Broad St; Plattsburgh, NY 12901 • (518) 564-2443 • whit4763@plattsburgh.edu

KEY SKILLS

Proficient with a vast array of programming languages, concepts, and technologies, including:

- Systems Admin & Infrastructure Design
 - Cloud Based Computing/Servers
 - CompTIA A+ Certified IT Technician
 - HTML5, CSS3, JavaScript, jQuery
 - PHP, Symfony, Perl, Python, Ruby
 - Learning Management Systems
 - Windows, Linux, Mac
 - MySQL, PostgreSQL, Oracle
 - Mobile Development
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EDUCATION

- **January 2010 to May 2012** – Master of Science in Computer Information Systems
Boston University; Boston, MA
 - **March 2010 to October 2010** – Master of Science in Managing Innovation and Information Technology
Champlain College; Burlington, VT – *Transferred to BU*
 - **2005 to 2009** – Bachelor of Science in Information Technology – *Minor in Anthropology*
Plattsburgh State University; Plattsburgh, NY
 - **2000 to 2005** – Regents Advanced Diploma
Saranac Central High School; Saranac, NY
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PROFESSIONAL EXPERIENCE

Community College of Vermont

Adjunct Faculty in Computer Information Systems

- See Appendix A for courses taught

August 2014 – Present

Part-Time

Plattsburgh State University of New York

*Lead Programmer/Analyst in Computing Systems and Desktop Support
and Adjunct Faculty in Computer Science*

- Manage or assist in the integration and configuration of enterprise academic applications
- Provide tier 3 level of support for advanced academic applications
- Service owner/manager and technical lead for Electronic Records Management System
- Write code for utility scripts, web-based applications, and integration pieces to aid in management of backend applications
- Assist with campus roll-out of applications, including notifications and web presence
- Responsible for managing department and unit website and informational materials
- Maintain and support various Linux/Unix servers on campus, including relational database systems
- See Appendix A for courses taught as adjunct faculty

September 2013 – Present

Full-Time

O.A.F. Productions

Web Developer/Systems Administrator/Consultant (Owner)

- Develop advanced web applications using PHP, JavaScript, MySQL; Symfony2 PHP framework
- System Administration and Infrastructure Design; using cloud-based computing (e.g. Amazon Web Services, Windows Azure)
- Website Design and Development, maintenance, CMS setup and management, Wordpress
- Programming, IT management, and consulting (onsite and remote) – Client list includes the three previous employers

November 2012 – September 2013

Full-Time

bluehouseGroup

Software Developer/Programmer

- Develop advanced web applications using PHP, JavaScript, MySQL; specializing in Symfony 1.4 and 2.0 PHP frameworks
- Find and document bugs as well as troubleshoot and fix bugs in software written by the firm or third-party
- Maintain code versioning and maintain both internal and client-owned servers to optimize performance and run applications

August 2012 – November 2012

Full-Time

New Spin 360, LLC

Director of Systems Administration and Development

- Develop advanced web applications using PHP, JavaScript, MySQL, and various APIs and SDKs, mobile compatibility
- Maintain, setup, support, and troubleshoot Debian/Ubuntu server systems (generally with LAMP setup)
- Manage email accounts, document accounts, users, permissions, and other system settings, Windows/Mac OSX workstations
- Manage a remote team of developers; project management, time management, programming support
- Remote end-user support for our executive staff as well as software and hardware support for our larger clients

December 2010 – August 2012

Full-Time

- Manage cloud-based infrastructure on Amazon Web Services cloud provider, including server instances and relational databases
- Write RFPs for software proposals, engineer and design software solutions, select firms and contractors for larger projects
- Writing software documentation, security and use policies for both clients and internal organizational use

The University of Vermont – Residential Life

June 2009 – December 2010

IT Support Specialist/Web Applications Developer

Full-Time

- Develop advanced web applications using PHP, JavaScript, MySQL, Oracle, and APIs and SDKs
- Document applications, provide training materials (video tutorials, workshops, blog etc.) for applications and general computing
- Provide phone support to clients with software and hardware problems or questions and troubleshoot network outages
- Configure and setup workstations for staff as well as maintain computer system hardware and software
- Maintain a computer upgrade schedule for staff, manage hardware and software purchases and inventory

Plattsburgh State University of New York

January 2006 to May 2009

Helpdesk/ResNet Student Computer Support Technician

Part/Full-time

- Provide phone support to faculty, staff, students with software and hardware problems or questions
- Repair and troubleshoot hardware and software problems both on-site and depot style
- Troubleshoot network connectivity issues and outages
- Configure and setup computers and workstations for faculty and staff members, and work collaboratively to maintain a computer upgrade schedule for faculty and staff
- Design and implement basic web and custom email templates for various staff members and for departmental use

CERTIFICATIONS

- ITIL Foundation Certificate in IT Service Management – June 2015
- AccessData Certified Examiner – Digital/Computing forensics certification – April 2012
- CompTIA A+ Certified IT Technician – August 2009

ACHIEVEMENTS

- UVM Residential Life Innovation Award – 2009-2010
- Academic Achievement in Computer Science Award (3.9 major GPA upon program completion) – May 2009
- SUNY Plattsburgh’s Dean’s List – Fall 2007 and Fall 2008

CONFERENCES

- Attended STC (SUNY Technology Conference) – Lake Placid, NY – June 2016
- Attended Northeastern PHP Conference – Boston, MA – August 2012 & August 2013
- Attended Confoo Web Technology Conference – Montreal, QC – February 2013
- Attended ACUHO-I annual conference – Austin, TX – University Housing IT – June 2010
- Attended and Staffed Conference for Instructional Technology hosted at SUNY Plattsburgh – 2007

ACTIVITIES AND OTHER WORK EXPERIENCE

- **Activity** – Gave a talk at PrimeLink’s 2016 Technology Showcase – April 2016
- **Activity** – Completed ITIL Foundation 3-day workshop/training – June 2015
- **Activity** – Completed ImageNow Fundamentals for Administrators training – December 2013
- **Community Service** – American Legion Post 0068 of Brandon, Mississippi – Webmaster – 2011 to Present
- **Activity** – Chaired website review committee (Advocacy and Policy Review) UVM ResLife – August 2010 to December 2010
- **Activity** – SUNY Plattsburgh Student Association – Webmaster – Spring 2008 and Fall 2008
- **Other Work Experience** – The State University of New York Research Foundation assigned to the Upward Bound Program at SUNY Plattsburgh – Webmaster and IT Training – Spring 2008
- **Activity** – Teaching assistant for Introduction to Computer Programming at SUNY Plattsburgh – Fall 2008
- **Other Work Experience** – O.A.F. Productions – Part-Time – Programming/System Administration – 2007 to Present
- **Community Service** – Wells Memorial Library of Upper Jay, NY – Webmaster – 1998 to Present

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TEACHING

• SUNY Plattsburgh

- **CSC 152 – Computer Security and Society**
Summer 2014 Online, Fall 2014, Fall 2015
- **CSC 221 – Lab – Introduction to Programming (Python)**
Spring 2014, 3 Sections Spring 2016, 4 Sections Fall 2016, 4 Sections Spring 2017
- **CSC 310 – Perl**
Fall 2014, Fall 2015, Spring 2017
- **CSC 313 – PHP**
2 Sections Fall 2015
- **CSC 323 – System Administration Tools**
Winter 2015 Online, Spring 2015
- **CSC 399 – Independent Study**
 - **Programming in AutoIT** – Summer 2014
 - **PHP** – Fall 2015
- **CSC 498 – Internship**
 - **Site Supervisor and Faculty Sponsor with O.A.F. Productions**
1 Student Summer 2015
 - **Faculty Sponsor with SUNY Plattsburgh Computing Helpdesk**
1 Student Fall 2015
- **HON 499 – Advanced Honors Project**
 - **Faculty Sponsor with SUNY Plattsburgh Computing Systems**
1 Student Fall 2016
- **LTS 254 – Personal Information Security**
Fall 2016

Course Descriptions

<http://web.plattsburgh.edu/php-bin/catalog/crs.php?q=csc&sa=Search>

• Community College of Vermont

- **CIS 2150 – Introduction to Linux**
Fall 2014, Fall 2015, Fall 2016
- **CIS-2360 – Computer User Support**
Spring 2015, Spring 2016, Spring 2017
- **CIS-2152 – Intermediate Linux**
Spring 2017

Course Descriptions

<https://andromeda.ccv.vsc.edu/Learn/Grid/VONLGrid.cfm?Location=VONL&grid=Fall>