Maxwell L. Burggraf

201 Harvard Place
Syracuse, NY 13210
(336)-540-4956

mlburggr@syr.edu
github.com/mlburggr

Education	Syracuse University, Syracuse, NY

Bachelor of Science, Computer Science, expected May 2017
Coursework:

Functional Programming	Data Structures
Systems Programming	Logic
Security, Access Control, and Trust	Certified Security by Design
Discrete Mathematics	Reporting & Presentation

Experience

Undergraduate Research Assistant, Syracuse University   Summer 2015
- Assisted graduate students in developing DroidSIFT, a new, sematics-aware approach to detecting malware in Android applications
- Created node.js web application and REST API back-end to allow users to upload APK files and view malware analysis results

IT Consultant, Tech Geekery, Syracuse, NY   Feb 2015 - Present
- On-site IT support

IT Manager, The Daily Orange, Syracuse, NY   Aug 2014 - Present
- Manage and maintain office environment, including Windows and GNU/Linux servers, Windows and Mac workstations, office equipment, etc.
- Maintain server backups and inventory records of IT equipment and software
- Member of Board of Directors
- Co-manage website design and development

Teaching Assistant, Syracuse University   Aug 2014 - Present
- Designed and graded several quizzes and homework assignments for a class of 46 Computer Science first-year students
- Held office hours to assist students in understanding course material
- Covered various basic Computer Science concepts in Snap! and C

Co-Founder, CourseGoat.com, Syracuse, NY   Aug 2014 - Present
- Co-developed schedule-creating site for Syracuse University
- Wrote node.js JavaScript to interact with the Mongo database, client-side JavaScript UI/UX code, and web-scraping spiders in Python
- Managed webserver
- Awarded $1000 in funding at the IDEA Startup Competition

Skills

Languages:	Java, C/C++, Haskell, Python, JavaScript, Swift, LaTeX, MySQL, XML, HTML
Software:	Android Studio, XCode, Eclipse, Visual Studio, Emacs, Vim, Git
Environments:	GNU/Linux, Windows, Mac OS X

Awards & Certifications
- CompTIA A+ Certification
- IBM Master the Mainframe Competition - Participated in an IBM hosted competition. Completed Part 2 two years in a row.