

11 Cross Road
Cortlandt Manor, NY 10567

Benjamin Toll

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Education

University of Michigan – Ann Arbor, MI.

Expected graduation: 5/2016

Major: Computer Science

- Current courses: Graduate-level networks and security (EECS 588), Computer games (EECS 494)
- Recent courses: Computer Security (EECS 388), Cryptography (EECS 475), Compilers (EECS 483), Operating Systems (EECS 482).
- GPA – 3.62/4.00. University Honors, 5 terms. Nominated for first-year writing award.

Minor: Asian Languages (Japanese)

Technical Skills

Languages (greatest experience first): C, C++, Python, Bash, Java

Version Control: Git

Web Technologies: HTML, CSS, Django

Databases: MySQL, PostgreSQL, SQLite

Operating Systems: Linux (Debian, Ubuntu), Mac OS X, Windows

Security tools: Autopsy, Wireshark

Other: Familiar with LaTeX, LibreOffice, Matlab

Experience

EECS 388 Teaching Assistant

Univ. of Michigan EECS

1/1/2016 – Present

- Teach a discussion section for the Intro to Computer Security course.
- Hold regular office hours and answer questions on the class forum.

Software Development Intern

Clarity Lab (Univ. of Michigan EECS)

5/2015 – 7/2015 (8 weeks)

- Participated in the design of Sirius – the first open-source intelligent personal assistant.
- Integrated the OpenEphyra question-answering system with Sirius by adding Apache Thrift for remote procedure calls and improving the OpenEphyra API.
- Developed a 'command center' to asynchronously receive queries from mobile devices, forward requests between services, and return answers.

Software Development Intern

United Florist Network

6/2014 – 7/2014 (8 weeks)

- Developed a flexible web spider to gather data from thousands of florist sites (Django).
- Designed a normalized database schema to store spidered data (MySQL).
- Shared feedback on Django and Python with other team members.

Volunteering

Website Designer and Administrator

Caring for the Homeless of Peekskill (CHOP)

5/2013 – Present

- Designed and developed the original WordPress site for CHOP.
- Respond to client questions and update content.
- Website: <http://www.chophunger.org>

Other activities

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- Developed “SpotSwap” – An app to help people find parking.