

Albert (Teddy) Heidmann

CURRENT ADDRESS:

804 Stewart Ave
Ithaca, NY 14850

Website: <http://ateddy42.github.io/>

650-215-3702
ath55@cornell.edu

PERMANENT ADDRESS:

960 Eastwood Pl
Los Altos, CA 94024

EDUCATION

Cornell University, College of Engineering, Ithaca, NY

- **B.S. Computer Science, May 2016** - GPA 3.0- *Concentrations in Network Science and Artificial Intelligence*
- **M.Eng. Computer Science, May 2017** - GPA 3.7- *Specialization in Artificial Intelligence*

Teaching Assistant: CS 4300 - Language and Information

Graduate Teaching Assistant: CS 4700 - Artificial Intelligence

RELATED EXPERIENCE

DEVELOPER, COMPUTER SCIENCE COURSE MANAGEMENT SYSTEM (CSCMS)

APRIL 2015 - MAY 2017

Cornell University

Ithaca, NY

<http://www.cs.cornell.edu/Projects/cms/>

- Lead a team of students in developing the system used by over 3,000 users in close to 40 Computer Science Courses
- Added features such as the ability to track 'slip days' used, and a command-line interface to interact with the system
- Worked with Cornell IT to deploy a beta version in tandem with the old system
- Migrated the project (~60,000 lines of code) from J2EE to JPA

Workday, Inc.

ASSOCIATE APPLICATION DEVELOPER INTERN, STUDENT

Pleasanton, CA

May 2016 - August 2016

- Worked on a team with 19 other interns using Agile software development
- Built a badge system to gamify the Student App, and a system for Course Bidding - a type of early registration used by some Business schools.

SOFTWARE ENGINEERING INTERN

JUNE 2015 - AUGUST 2015

NetApp, Inc.

Sunnyvale, CA

- Wrote a CLI/API to generate aggregate metrics of Customer Systems Risk results (aka ARS - At Risk Systems)
- Identified correlations between specific risks and system failures, and wrote a system that automatically alerted customers with preventative actions.

COMMUNICATIONS CHAIR

MAY 2014 - MAY 2017

Alpha Sigma Phi Fraternity

Ithaca, NY

<http://alphasigcornell.org/>

- Developed a website from scratch using Django (>10,000 lines of code written)
- Included a public front-end, and private section for viewing individual accounts, social deposits, house points, and potential new members
- Transitioned to a new ISP, set up a house server, and rewired the 5-story fraternity house with a unified WiFi network and Cat 5e ethernet ports in each room

OTHER EXPERIENCE

RESIDENT ADVISOR

AUGUST 2014 - MARCH 2016

Residential and New Student Programs, Cornell University

Ithaca, NY

- Supervised 42-52 students on a residence hall floor, serving as primary resource on campus policy and information
- Counseled students having difficulty adjusting to college experience
- Programmed large-scale social activities for building complex of more than 450 students, including bowling, rock climbing, paintball, game nights, and a sesquicentennial celebration
- Recognized with the "Advisor of the Year" award for work with the Hall Council.

ADDITIONAL SKILLS

Software: Vim, GitHub, Microsoft Word and Excel, Adobe Photoshop, Illustrator, InDesign, and Dreamweaver

Programming: UNIX operating system, Java, J2EE, JPA, C, R, Python, HTML, PHP, SQL, OCaml, Django, LaTeX, XpressO

Communication: Experienced peer counselor and group facilitator