Evan Hellmuth

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Education

Yale University, New Haven, CT   *B.S., Computer Science | May 2016 (Expected)*
- Currently researching mobile network traffic and its implications for improving network systems under Assistant Professor Wenjun Hu.
- Summer 2013: intermediate-advanced French language immersion program in Paris, France.
- Relevant Coursework: Data Structures & Programming Techniques, Design and Analysis of Algorithms, Discrete Mathematics, Data Analysis (Statistics-based), Systems Programming & Computer Organization.

Work Experience

Louisville Gas & Electric   *IT Security Intern | May 2014 –August 2014*
- Created Python scripts to identify malicious IP addresses and periodically add them to a list to be sent to the externally-facing firewall for blocking.
- Improved regular expression statements for the in-house intrusion detection system by excluding warnings from redundant or unnecessary sources such as temporary internet files created by a browser.
- Remotely installed, configured, and tested the malware analysis program Cuckoo Sandbox on an Ubuntu server quarantined from the rest of the company network.

Yale Student Technology Collaborative   *Student Technician | December 2013 – Present*
- Work independently and in teams to repair and salvage malfunctioning computer hardware and remedy software.
- Identify and resolve common computer problems; develop and follow troubleshooting protocol.
- Provide amicable customer service and acted as a resource for students with technology issues.

Leadership Activities

Chi Psi Fraternity – Yale Chapter, Alpha Kappa Delta   *Founding Member; Treasurer | Fall 2012 – Present*
- Developed, presented, and implemented the 2013-14 operating budget of $25,000.
- Assembled potential members, petitioned to be recognized by the university, drafted and passed the chapter constitution, and obtained a charter from national headquarters in order to bring Chi Psi to Yale.
- Coordinated the collection of dues from members and managed the allocation of funds throughout the year.

Yale Microfinance Brigades   *Vice President | Spring 2013 – Spring 2014*
- Raised funds to send twelve Yale students to underdeveloped international locations as an alternative Spring Break.
- Led application process to determine if applicants were qualified to teach personal finance, establish a small bank, and originate micro-loans for local entrepreneurs.

Freshman Outdoor Orientation Trips   *Trip Leader | Spring 2013 – Present*
- Guided incoming first-year students through the Appalachian Trail for four days.
- Led wilderness skill workshops and taught team-building.
- Mapped routes, ensured safety, and created an environment that made all participants feel comfortable.

Skills

- Programming Languages: C, C++, HTML, CSS, Javascript, Python, Scheme, R
- Low-level experience: cache optimization, branch-prediction, microprocessor design
- Interests: French language and culture, guitar, hiking, volleyball, Linux tinkering