Wayne Crasta

PERMANENT ADDRESS: 27919 BRADFORD RIDGE DRIVE, KATY, TX 77494
UNIVERSITY ADDRESS: 404 E STOUGHTON ST #11, CHAMPAIGN, IL 61820
PHONE: (973) 970–4845 *EMAIL:* WCRASTA2@ILLINOIS.EDU

Education

University of Illinois at Urbana-Champaign　　　　　　　Expected Graduation: May 2017

Bachelor of Science, Computer Engineering　　　　　　　　　　　　　GPA: 3.43/4.00

- Dean's List: Spring '15, Fall '15　　　　　　　　　　　　　　Fall '15 GPA: 3.87

- Phi Sigma Theta National Honor Society

- Relevant Courses: Data Structures, Distributed Systems, Computer Operating Systems Engineering, Analog Signal Processing, Digital Systems Lab, UI Design, Probability with Engrg Applic

Work Experience

ViaSat Inc.　　　　　　　　　　　　　　　　　　　　May 2015 – August 2015

Software Engineering Intern

- Member of an intern team that made multiple deliveries of production code to support the Exede inflight WiFi for Virgin America and other airlines (Docker, Elasticsearch, Logstash, Kibana, RabbitMQ)

- Created an API that interfaced with the production code and MySQL Databases (CherryPy, SQLAlchemy)

- Went through Software Development Life Cycle (Project Charter, Interface Control Documents, Unit Tests)

University of Illinois at Urbana-Champaign　　　　　　　　August 2015 - Present

Research Assistant

- Performing studies of several network devices and software platforms that make up the Internet

Restaurant Polling web app　　　　　　　　　　　　　　　　　Summer 2016

- In 24 hours, created a restaurant polling app using the Yelp API, CherryPy, and SQLAlchemy

Santa's ELFs　　　　　　　　　　　　　　　　　　　　　　Spring 2015

- Made a winter-themed clone of Atari's Breakout in SystemVerilog with an FPGA

360° Maneuverable Photo-tracking Automaton　　　　　　　　　　Spring 2014

- Wired a cart attached to an Arduino to react to different light levels

- Used professional CAD software on engineering workstations for schematic capture and simulation of small digital circuits

Leadership and Activities

Engineering Council　　　　　　　　　　　　　　　　　　Champaign, IL

Social Committee Executive Board　　　　　　　　　　　　May 2015 – Present

Illini Pride Executive Board　　　　　　　　　　　　　　　Champaign, IL

Events & Philanthropy Chair; Largest Student Organization on Campus　　April 2014 – May 2015

Sports Analytics Society　　　　　　　　　　　　　　　　Champaign, IL

Webmaster　　　　　　　　　　　　　　　　　September 2014 – Present

Other Campus Involvement: ACM SigSoft – Software Engineering, SigMobile – Mobile Development, IEEE, Engineering Freshman Committee Social Committee

Skills

- Proficient in Python, C++, C, and LC3 Assembly

- Familiarity with Linux, Agile Methodologies, Git, Confluence, JIRA, Jenkins-CI, and MariaDB, PyTest