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: 3.32/4.00

- Dean's List Spring '15   Spring '15 GPA: 3.75
- Phi Sigma Theta National Honor Society
- Relevant Courses: Data Structures, Discrete Structures, Analog Signal Processing, Differential Eq, Calc III
- Fall Courses: Digital Systems Lab, User Interface Design, Probability with Engrg Applic, Energy Systems

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

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
- Putting together configurations with an eye towards discovering shortcomings in these platforms
- Researching and configuring these devices as well as writing software tools to read and collect their outputs.

ECE 210 Final Project   Spring 2015

- Built an AM radio receiver

ECE 110 Final Project   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

- Organized the Illini Pride Barn dance, Semi formal, Bar crawl, as well as other events

Sports Analytics Society   Champaign, IL

Webmaster   September 2014 – Present

Other Campus Involvement: ACM SigSoft – Software Engineering, IEEE, Engineering Freshman Committee, South Asian Engineering Development Society. Interested in mobile dev and big data

Skills

- Proficient in Python, C++, C, and LC3 Assembly.
- Currently learning FPGA SystemVerilog
- Familiarity with Linux, Agile Methodologies, Git, Confluence, JIRA, Elasticsearch, Jenkins-CI, and MySQL