

Melissa Jin

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Engineering, Computer Engineering

Relevant Courses: Data Structures, Analog Signal Processing, Computer Systems and Programming, Introduction to Electronics, Introduction to Computer Engineering, Discrete Structures, Essentials in MATLAB & Excel

Acton Boxborough Regional High School, GPA: 4.20/5.00

U.S. Citizen

May 2018

GPA: 3.87/4.00

June 2014

SKILLS

Computer Skills: Java, C, C++, MATLAB

Platforms: Unix, Windows, Mac OS X

Languages: Spanish, Mandarin

LEADERSHIP & EXPERIENCE

MIT Lincoln Labs

June 2015 – Aug. 2015

System Administrator

- Collaborated with other interns to debug and amend employee hardware and software issues.
- Supported operating system installation and maintenance for Windows XP, Windows 7, Windows 2003/2008 Server, Linux RedHat, Suse, Ubuntu, and Gentoo.
- Insured that systems were compliant with System Security Plans and patch any vulnerable systems.

Bretl Research Group

Dec. 2014 – Present

Undergrad Research Assistant

- Assist graduate students to perform research on a SSEVP based brain computer interface (BCI).
- Designed an experiment targeted to improve the performance of a BCI speller.

Yearbook Club

Sept. 2010 – May 2014

Editor-in-Chief

- Headed a team of 16 members to produce a \$75,000 book that gained high praise from teachers and students.
- Coordinated regular team meetings and established deadlines for the timely submission of the book.
- Designed the layout and templates for a 300+ page book.

Amnesty International

Sept. 2010 – June 2014

Vice President

- Organized the Jamnesty event which raised over \$200.
- Recognized by the supervisor for being the most dedicated member of the club.

PROJECTS

Personal Website

Summer 2015 - Present

- Self-studied HTML and CSS to design and code a personal website which includes animations.

Autonomous Moving Vehicle

Spring 2015

- Characterized and implemented photodetectors and an ultrasonic sensor for input from environmental conditions.
- Programmed an Arduino to direct the car's movement based on input from sensors.

ACTIVITIES

IEEE Corporate Committee

Present

- Initiated communication with Tech companies to set up tech talks/info sessions for ECE students.

University of Illinois - Urbana Champaign Women's Ultimate

Present

Society of Women Engineers (SWE)

Present

Asian American Association (AAA)

Present

HONORS

University of Illinois - Urbana Champaign James Scholar

Present

University of Illinois - Urbana Champaign Deans List

2014, 2015

National Honors Society

2013-2014