

Cody Li

Undergraduate engineering student

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EXPERIENCE

Office of IT

Duke University

Durham, NC
May 2015 – present

System Arch. Lab

Dr. Ben C Lee - Duke

Durham, NC
May 2015 – present

Duke Robotics Club

Durham, NC
Aug 2015 – present

Governor's School of North Carolina

Winston-Salem, NC
Jun 2013 – Jul 2013

Student worker – Technology Desk

Working as a student technology specialist at the computer help desk in the library. Trained in helping students with computer issues (such as internet connectivity, performance, software installation, etc.) and resolving them.

Undergraduate Research Assistant

Undergraduate research assistant in the Department of Electrical and Computer Engineering under Dr. Benjamin C. Lee. Research on applying game theory principles to create an efficient algorithm in distributing computing resources to multiple users/applications.

Electronics Specialist

Currently working on an underwater autonomous vehicle (UAV) that will navigate through an obstacle course for the 2015 AUVSI RoboSub Competition. Personally specialized in developing and maintain the electronics stack (CPU, motor controllers, power distribution, etc.) within the UAV.

Student – Mathematics

Selective 5-week residential program for rising North Carolina high school juniors and seniors. Attended the West campus program hosted at Salem College in Winston-Salem, NC during the summer after my junior year. Studied mathematics that included rings, field, and group theory, knot theory, and graph theory, in addition to other subjects, such as philosophy and ethics.

EDUCATION, SKILLS, AND HONORS

Duke University

Durham, NC
2014 – 2018

B.S.E. and B.S. in Computer Engineering and Computer Science

GPA: 3.38 out of 4.00 (as of Spring 2015)

Courses Taken: Multivariable Calculus, Computational Methods in Engr., Linear Algebra and Diff. Eqs, Data Structures and Algorithms, Intro to Elect. Comp. Engr., Computer Architecture, Ord. and Part. Diff. Eqs.

Currently Enrolled: Intro to Artificial Intel., Intro to Signals and Systems, Software Design and Implementation

Durham School of the Arts

Durham, NC
2010 – 2014

High School

GPA: 3.98 out of 4.00

Class Rank: 1 out of 188

Skills

Java, MATLAB, Arduino programming, Maple, MIPS Assembly, C (currently learning), Swift (currently learning), HTML (currently learning), CSS (currently learning)

Honors

Duke Grand Start-up Challenge (Fall 2014, Social media application, Honorable Mention)