

Ajay Benno

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EDUCATION

CARNEGIE MELLON UNIVERSITY

B.S IN ELECTRICAL AND COMPUTER ENGINEERING
Expected May 2019 | Pittsburgh, PA
College of Engineering
Dean's List Fall 15'
Cum. GPA: 3.71 / 4.0

METHACTON HIGH SCHOOL

Grad. May 2015 | Collegeville, PA

LINKS

Github:// [AjayBenno](#)
LinkedIn:// [AjayBenno](#)

COURSEWORK

UNDERGRADUATE

Intro to Electrical and Computer Engineering
Calculus in 3D
Principles of Imperative Programming
Discrete Mathematics
Introduction to Computer Systems(Current)
Functional Programming(Current)
Introduction to Probability Theory(Current)

SKILLS

PROGRAMMING

Over 1000 lines:
Java • Python • C
Familiar:
Android • Arduino • ROS
HTML • CSS • JS

EXPERIENCE

DECISIVE ANALYTICS CORPORATION | MACHINE LEARNING/SOFTWARE ENGINEERING INTERN

May 2016 – Aug 2016 | Arlington, VA

- Working as a software engineering intern within the machine learning division at Decisive Analytics Corporation.

SOFTWARE ENGINEERING INSTITUTE | SOFTWARE ENGINEERING INTERN

Jan 2016 – Present | Pittsburgh, PA

- Working on interaction's between a turtlebot and a 144 pixel light array.
- Creating visual representations of what the robot is doing with light arrays.
- Coding Schemas for research studies being done involving robotics.
- Designed a platform for children to learn programming using a terminal application and the turtlebot. Over 45 children used this platform and successfully learned the basic coding practices.

CODEHS | TUTOR

May 2015 – Jan 2016

- CodeHS is an online education platform to teach students computer science around the globe.
- Tutored students on the website, and answered questions about Computer Science in general.
- Taught in Java and a language called "Karel".

VOLUNTEER WORK

KITS FOR KIDS | Co-FOUNDER

Sep 2013- May 2015

- Co-Founded a charity during high school.
- Fund raised over \$1500 to donate to students in impoverished schools in India.
- Bought backpacks, pencils, notebooks and other supplies to give to these students.

AWARDS

2015 Placed first place in TEAMS, a national engineering competition.
2015 National AP Scholar

ORGANIZATIONS

2016 Sigma Nu Delta Sigma(Recorder, Buggy Chairman)
2015 Sigma Nu Delta Sigma(Brother Development Chairman, and IFC Representative.)
2015 Electrical and Computer Engineering Outreach
2014 High School Robotics Club(President)