Ajay Benno

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EDUCATION

CARNEGIE MELLON UNIVERSITY
B.S in Electrical and Computer Engineering
Expected May 2019 | Pittsburgh, PA
Cum. GPA: 4.00

BS in Electrical and Computer Engineering
Expected May 2019 | Pittsburgh, PA
College of Engineering
Dean's List (All Semesters)
Cum. GPA: 4.0 / 4.0
Major GPA: 4.0 / 4.0

METHACTON HIGH SCHOOL
Grad. May 2015| Collegeville, PA

LINKS

Github:// **ajaybenno**
LinkedIn:// **ajaybenno**

RELEVANT COURSEWORK

UNDERGRADUATE
Intro to Electrical and Computer Engineering
Calculus in 3D
Principles of Imperative Programming(Current)
Discrete Mathematics(Current)
Probability Theory and Random Proceses(Current)

SKILLS

PROGRAMMING
Java • Shell • JavaScript • Matlab
OCaml • Python • Rails • LaTeX
Over 1000 lines:
C • C++ • CSS • PHP • Assembly
Familiar:
AS3 • iOS • Android • MySQL

EXPERIENCE

COURSERA | KPCB Fellow + Software Engineering Intern
Expected June 2014 – Sep 2014 | Mountain View, CA
- 52 out of 2500 applicants chosen to be a KPCB Fellow 2014.

GOOGLE | Software Engineering Intern
May 2013 – Aug 2013 | Mountain View, CA
- Worked on the YouTube Captions team in primarily vanilla Javascript and Python to plan, design and develop the full stack implementation of a new framework to add and edit Automatic Speech Recognition captions.
- Created a backbone.js-like framework for the Captions editor.
- All code was reviewed, perfected, and pushed to production.

PHABRICATOR | Open Source Contributor & Team Leader
Jan 2013 – May 2013 | Palo Alto, CA & Ithaca, NY
- Phabricator is used daily by Facebook, Dropbox, Quora, Asana and more.
- I created the Meme generator, the entire Lipsum application, ported Tokens to different apps, fixed many bugs and more in PHP and Shell.
- Led a team from MIT, Cornell, IC London and UHelsinki for the project.

RESEARCH

CORNELL ROBOT LEARNING LAB | Head Undergrad Research
Jan 2014 – Present | Ithaca, NY
Worked with Ashesh Jain and Prof Ashutosh Saxena to create PlanIt, a tool which learns from large scale user preference feedback to plan robot trajectories in human environments. Publication submitted.

CORNELL PHONETICS LAB | Head Undergraduate Researcher
Mar 2012 – May 2013 | Ithaca, NY
Lead the development of QuickTongue, the first ever breakthrough tongue-controlled game with Prof Sam Tilsen to aid in Linguistics research. Publication submitted.

AWARDS

2014	top 52/2500	KPCB Engineering Fellow
2014	2nd most points	Google Code Jam, Qualification Round
2014	1st/50	Microsoft Coding Competition, Cornell
2013	National	Jump Trading Challenge Finalist
2013	7th/120	CS 3410 Cache Race Bot Tournament
2012	2nd/150	CS 3110 Biannual Intra-Class Bot Tournament
2011	National	Indian National Mathematics Olympiad (INMO) Finalist
2010	National	Comp. Soc. of India's National Programming Contest

SOCIETIES

2014	top 12%ile	Tau Beta Pi Engineering Honor Society
2014	National	The Global Leadership and Education Forum (tGELF)
2012	National	Golden Key International Honor Society
2012	National	National Society of Collegiate Scholars