

Jonathan Lee

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Profile

I'm an ambitious web developer. I'm the Vice President of my school's computer science club and I help organize my local hackathon - CHE Hacks.

I regularly attend hackathons across the country. At PennApps 2015 I placed as a top ten finalist with a mobile civic project.

Education

2012–Current **Cherry Hill High School East.**

Cum Laude Honors - Top Ten Percent of Class - Honors and Advanced Placement Level Math and Science Courses

Achievements

2015 **Top 10 Hack at PennApps Fall 2015, SayUmm.**

Built a virtual reality environment using Google Cardboard and Unity which allows the user to practice giving presentations and speeches. Voice data is recorded and analyzed with Python libraries and IBM's BlueMix API and parsed to a dynamic webpage.

See more: <http://sayumm.co>

2015 **Best Use of Amazon Web Services at HackRPI II, Run Or Fund.**

Created a dynamic web application that promotes charitable giving. Firebase is used for OAuth and data storage.

See more: <http://runorfund.com>

2016 **Top 3 Hack at HackNYU, Oral ImageNostics.**

Created a Python script that would pull color data from pictures, and a Flask server that would respond to RESTful commands from an iOS app.

2016 **Best Hardware Hack at ProfHacks, The Archr.**

Designed and programmed a device that would launch projectiles at user-inputted distances. Worked on servo control code for the Arduino microcontroller.

See more: <http://devpost.com/software/kobeturret>

Activities and Experience

2013–present **Computer Science Club.**

Vice President of an active computer science club at my school. I develop workshops to teach our members web development and plan trips to hackathons.

November **CHE Hacks.**

2015 Coordinated workshops for the first South Jersey high school hackathon.

See more: <http://chehacks.com>

2015-2016 **VEX Robotics.**

Designed and programmed an award winning robot for the VEX cortex microcontroller using RobotC.

See more: <https://github.com/Jonwlee/2616C>

Skills

Web Development, Proficient.

HTML 5, CSS 3, JavaScript, AJAX, Flask Server, Bootstrap 3

Scripting, Proficient.

Python 2, Python 3, Python Image Library, Bash