

Education

Carnegie Mellon University, *School of Computer Science*.

- Pittsburgh, Pennsylvania
- Expected graduation in May, 2017

South Carolina Governor's School for Science and Mathematics.

- Hartsville, South Carolina
- Concentrations in Physics, Mathematics, and Computer Science
- Graduation May, 2013

Computer skills

Super	C/C++, HTML, CSS, Javascript	Passable	Java, PHP, RobotC, Python, Lua
Platforms	Node.js, Django, Heroku		
Operating Systems	Linux (Arch, Crunchbang, Mint, etc), Windows 8, 7, Vista, XP, and Server 2008, 2012	Miscellaneous	LaTeX, advanced BASH scripting and Linux CLI

Projects

- September 2013 **CMU Eats!**, *Developer*.
- Made at the HackCMU 2013 hackathon.
 - Built on Django and hosted on Heroku, frontend in Bootstrap.
 - Continued development with team after hackathon
 - Currently live at www.cmueats.com

Research and Work Experience

- August 2013–present **Research Intern**, *Biorobotics Lab, Carnegie Mellon University*.
- Worked with Dr. Howie Choset
 - Firmware development in C/C++ for custom chipset, implementing features specific to new hardware
 - Python development for system utilities
 - Repairing and maintaining electrical and mechanical systems in robot modules
- July 2013 **Residence and Teaching Assistant**, *SCGSSM*.
- Taught middle school campers fundamentals of programming (in Lua) through Minecraft
- 2011–2013 **Information Technology Student Staff**, *SCGSSM*.
- Installed and ran Fedora Linux lab with Arch Linux NFS for computer science courses
 - Worked with students with software/hardware problems
- June 2012 **Research Intern**, *Clemson University*.
- Ported C interpreter and program visualizer from Python to web app for an educational system

Honors

2013	GSSM President's Cup	2013	MIT ZeroRobotics Finalist
2013	History Bowl National Competition Qualifier	2012	FBLA Networking Concepts State Champion

Extracurriculars

- CMU Rowing Crew, ScottyLabs, CMU Computer Club
- GSSM Varsity Swim team, Aquila Journal of Science, FIRST Robotics, GSSM Ambassador