Connor McLaughlin

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Education	**Yale University**, New Haven, CT
	Bachelor of Science in Computer Science and Electrical Engineering, Expected May 2018
	Cumulative GPA: 3.63 (Major GPA: 3.73)
	SAT: 800 Writing, 770 Math, 710 Reading
	SAT Subject Tests: 780 Math 2, 750 Math1, 750 Chemistry
	Coursework: Design and Analysis of Algorithms, Systems Programming, Statistics/Stochastic Processes, Machine Learning, Linear Algebra, Multivariable Calculus, Economics

Skills

Technical: Python, C, Java, Excel, Git, Unix, Ruby on Rails, PHP, Swift, SQL, HTML/CSS
Languages: English (Native), Spanish (Intermediate)

Relevant Experience

May 2016 – Aug 2016

Software Development Intern, Fermat Capital Management (hedge fund), Westport, CT
- Researched 3rd-party parallel computing solutions for Python and compared performance.
- Designed and built custom Python parallel computing infrastructure that can load-balance and manage multiple users.
- Used proprietary platform to run large Monte Carlo simulations for bond portfolio pricing.
- Presented data and analysis to other members of the team.
- Helped oversee and manage the projects of other interns, including mobile applications.

May 2015 – Aug 2015

Technology Marketing Intern, Sindeo (fintech mortgage company), San Francisco, CA
- Built and optimized responsive landing pages to acquire client leads for Sindeo.
- Developed best strategies to improve conversion rates by working closely with CEO, CTO and marketing heads.
- Integrated WordPress content management to allow marketers to easily change content and create new pages for additional partners.

Jan 2015 – May 2015

Ruby on Rails Developer, Yale STC Developers, New Haven, CT
- Worked on Yale-affiliated software projects with a team of other Ruby on Rails developers.
- Improved "Reservations", an open source site that allows organizations to lend equipment.

Nov 2014 – May 2015

Webmaster/Head of Technology, Yale Model United Nations Institute, New Haven, CT
- Built responsive website from the ground up using Ruby on Rails, JavaScript, PostgreSQL.
- Implemented custom application system that allows students to apply to this prestigious program and staff members to review applications.

Activities

Sept 2016 – Current

Volunteer Teacher, Splash at Yale, New Haven, CT
- Teach classes on computer science and programming to local middle/high schoolers.

Sept 2014 – Current

Singer/Winter Tour Manager, Baker's Dozen of Yale A Cappella, New Haven, CT
- Travel throughout the country to perform a cappella music.
- Manage our east-coast winter tour by organizing gigs, accommodations and transportation.

Other Activities & Interests

Music: Guitarist in various rock bands
Athletics: Snowboarder, intramural and recreational sports
Community Service: Volunteer for Appalachia Service Project, Special Olympics
Hackathons: Competitor in various hackathons, including Princeton and Yale
Entrepreneurship: in the process of starting a software contracting side business