

# Benjamin B. Perkins

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Passionate and dedicated computer science engineer from the University of Michigan with a strong desire to learn. Experienced in programming for web, desktop, mobile, and embedded systems with management and leadership skills from participation in student-body organizations.

## EXPERIENCE

**Software Engineer, Fitbit – San Francisco, CA.....Present**  
Developing web and desktop software to interface with Fitbit devices and website. Helped design, develop and release Fitbit Connect 2.0 to support our next-generation fitness trackers

**Software Developer, DoE Extreme Ice Project – Ann Arbor, MI.....2013**  
Worked with Dr. Line van Nieuwstadt developing control software to interface with a variety of sensors researching the impact ice would have on offshore wind turbines on the Great Lakes

**Instructor’s Assistant, University Of Michigan – Ann Arbor, MI.....2013**  
Held office hours, explained concepts and guided students as they developed senior projects in EECS 441 (Mobile App Development and Entrepreneurship)

**Information Services Intern, Domino’s Pizza – Ann Arbor, MI.....2012 & 2013**  
Developed an employee training web app utilizing social engagement to enhance learning

**Software and Hardware Developer, Focus – Ann Arbor, MI.....2012 – 2013**  
Designed both software (embedded and Mac OS X) and hardware for a consumer electronic startup. Cultivated project management, software and hardware design skills

**Michigan Mars Rover Team – Ann Arbor, MI.....2009 – 2013**  
Designed, fabricated, and tested a rover vehicle for an international competition at the Mars Desert Research Station, holding positions of member (2009), vice president (2010), president (2011), electrical team lead (2011) and information systems officer (2012-2013)

## EDUCATION

**University Of Michigan – Ann Arbor, MI.....2009 – 2013**  
Bachelor of Science with Honors in Computer Science Engineering

## AWARDS & RECOGNITION

- **Knowledge Hive (Domino’s Pizza)** – “Best in Mobile” & “Best In Show (non-vendor)” from DevLearn|12 DemoFest, American Business Award & International Business Award
- **Michigan Epeians (Engineering Leadership Society)** – Recognizes outstanding leadership among engineering students. Member and vice president (winter 2013)

## SKILLS

- **Web Skills:** HTML, CSS/Stylus/Less, JavaScript/Node, PHP, Python, SQL, and designing interactive, responsive websites
- **Languages:** Experience in C, C++, C#, Python, Java, Objective-C
- **Software:** Terminal, XCode, EAGLE (circuit design), Visual Studio, Microsoft Office, Adobe Photoshop, Git, SVN, OS X 10.10, Windows 7/8
- **Relevant Courses:** Calculus I–IV, Statistics, Linear Algebra, Electronic Circuits, Logic Design, Foundations of Computer Science, Computer Organization, Data Structures and Algorithms, Database Management, Computer Vision, Autonomous Robotics, Mobile App Development & Entrepreneurship

*References available upon request*