

## PROFESSIONAL EXPERIENCE

**Moov Incorporated**, Beijing, China, and San Mateo (Silicon Valley), CA

12/14 – 4/17

*Product Manager*

- Led product team of 10 designers and developers to launch 3 new fitness wearable mobile apps and 2 new wearable hardware products increasing Moov customer user base from 10,000 to 20,000+ users
- Led product strategy and user testing with Pro/Olympic athletes and coaches in Beijing and California to deliver 4+ star review for swim program (5 major reviewers voted it's the best swim program)
- Created metrics and roadmaps and managed teams across different time zones using JIRA Agile tool

**National Institute of Standards & Technology (NIST)**, Gaithersburg, MD

7/14 – 9/14

*Software Engineer & Web Developer Intern*

- Designed and tested algorithms for path planning uncertainties of robotic manipulators in C++
- Maintained NIST Intelligent Systems Division website using HTML/CSS/JavaScript

**Sensors Laboratory (Thomas Kenny Group)**, Stanford University

9/12 – 6/14

*Research Assistant*

- Modeled and experimented on various sensors such as accelerometers, gyroscopes, and pressure sensors focusing on the simulations with C++ and Matlab
- Co-authored various papers on modeling and simulation using statistical and optimization techniques

**Booz Allen Hamilton**, Arlington, VA and Kabul, Afghanistan

6/09 – 6/12

*Senior Management Consultant*

- Deployed a Defense Advanced Research Projects Agency (DARPA) Forward Cell in Afghanistan and brought game changing technologies (mobile apps, data science and analytics) to the warfighter
- Managed project of \$88 million DARPA technology programs portfolio in Afghanistan

**United States Air Force Cost Analysis Agency (AFCAA)**, The Pentagon

3/08 – 6/09

*Financial Data Analyst*

- Constructed inflation investment tool with Excel improving 280,000 flying hours over \$4 million per year
- Estimated A-10 flying hour rates assessing risk at \$1.6 million for Air Force stock fund using SQL

## EDUCATION

*MS in Mechanical Engineering (Design)*

**Stanford University**

9/12 – 12/14

*MS in Electrical Engineering (Embedded Systems)*

**Johns Hopkins University**

9/08 – 5/10

*BS in Industrial Engineering (Operations Research)*

**Pennsylvania State University**

9/02 – 12/07

## TECHNICAL SKILLS

*Product Management*: PRDs, road maps, user stories, competitive intelligence, PMP certification (in progress)

*Consulting/leadership skills*: web analytics, proposal writing, strategic partnerships, digital marketing

*Programming Languages*: HTML, CSS, JavaScript, Microsoft Excel & PowerPoint, SQLite, Python, C/C++