

Matt Ambrogi

508-423-2857

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Education

University of Maryland, College Park | B.S. Engineering & Product Management

GPA: 3.65 | Expected Graduation: December 2018

QUEST Honors Program | Multidisciplinary Design and
Quality Enhancement Focused | August 2016 - Present

Study Abroad: Varanasi, India

February — May 2015

Study Abroad: China, Laos, and Cambodia

September — December 2014

Work Experience:

Alarm.com / Product Management Intern / Washington, DC

June — August 2018

- Created engineering specifications and defined product requirements for new 3rd party device integration
- Designed user interface and created engineering specifications for a new website feature
- Worked with design and product teams to revamp solar monitoring project
- Developed launch material for sales and product teams for new product release with company-wide impact

Virtual Reality Design Consultant

January — May 2018

- Worked with Becton Dickinson to design a virtual reality based system for large medical device training

Atlas Lane / Operations Intern / Washington, DC

June - August 2017

- Designed internal workflows between sales, leasing, and field teams for rapid growth start-up
- Analyzed mass data of DC housing trends to help inform new product features
- Developed written content to help streamline user to company communication

Community Empowerment Solutions / Community Consultant & Engineer / Granada, Nicaragua

May — July 2016

- Co-led engineering project analyzing feasibility of improved cook stove distribution in rural areas
- Consulted local clothing factory on operation efficiency
- Assisted in launch of a completely teenager operated clothing company

Project Experience

Product Manager/Developer

Current

- Designing a web app to help donors give to and track their engagement with non-profits.

Data Analyst

Current

- Working with Leidos to predict flight conditions for small aircraft.

Heads2Gether / Product Manager & Designer

February — May 2016 & March — May 2017

- Worked with team to design and develop MVP for a just in time, peer to peer tutoring app
- Surveyed 150 stakeholders throughout user experience research
- Recruited team of 4 developers to help build MVP

Bluetooth Door-Lock / Engineer

November 2017

- Used Arduino microprocessor to build and program a Bluetooth and touch controlled door-lock

IBM Design Challenge / Team Lead & Designer

September — October 2017

- Lead team in ideation, design, and research during month long medical device design challenge
- Designed prototype for a mobile application providing users with insights into heart condition analytics when used with an implantable chip.

Skills

Product Management • Communication • Adobe XD • UX Research • Java (basic) • Data Analysis • Computer Aided Design (Creo & Solidworks) • Arduino • Processing • MATLAB • Electronic System Design • Tableau • PowerPoint • Excel • Spanish • Hindi (basic)

Leadership and Awards

EnTERPreneur: Co-founder & Vice President • Sigma Chi Fraternity: Two Term Executive Board Member • IBM Design Challenge: Team Lead • Social Enterprise Symposium: Volunteer

Bright Futures Scholarship • Maryland Social Entrepreneur Corps Scholarship • Sigma Chi Academic Scholarship

Linkedin | <https://www.linkedin.com/in/matthew-ambrogi>