Noah Weingart

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Education

Yale University, School of Forestry & Environmental Studies

Master of Environmental Management, Energy Specialization — Expected May 2020

Cornell University, College of Engineering

Bachelor of Science, Cum Laude, Mechanical Engineering — December 2014
GPA: 3.524
Minor, Business for Engineers

Coursework

Energy Systems Analysis
Renewable Energy Project Finance
Financing Green Technologies
Entrepreneurial Finance
Financial Accounting
Statics & Mechanics of Solids
Selection & Properties of Engineering Materials
Innovative Product Design via Digital Manufacturing
Wind Power

Experience

Alarm.com

Senior Product Management Associate — February 2015 – May 2018

Commercial Access Control

- Created cloud-based access control solution for mobile and web platforms using market research and customer feedback
- Developed, tested, and launched solution with software engineering teams using Agile Development methodology
- Collected user feedback through development, beta, and pilot phases to iterate and tailor product to user needs

Commercial Z-Wave Locks

- Integrated and launched two commercial-grade automated locks for small and medium business installations
- Communicated with lock manufacturer partners to guide z-wave firmware development and testing

Z-Wave Garage Door Controller

- Worked with engineering, marketing, and sales to develop and launch integration with automated garage door solution
- Ran beta with more than 60 participants, resulting in zero reported bugs in 24,357 installations as of March 2018

Ongoing Product Maintenance & Support

- Managed ongoing support and maintenance of existing automated lock and garage solutions
- Generated support resources such as installation guides, user manuals, and internal product wiki pages

Cornell Rocketry Team

Business Subteam Lead — November 2013 – December 2014
Rocket Body Subteam, Founding Member — September 2012 – October 2013

- Led 5-person subteam in communicating with aerospace companies to secure corporate sponsorships
- Collaborated with graphic and web designers to develop team's marketing profile and website

Melissa & Doug Toys

Design Engineering Intern — Summer 2013

- Solved mechanical problems in preliminary children's toy designs using Solidworks 40 hours per week
- Met safety requirements such as small parts limitations and jaw entrapment threats in preliminary toy designs
- Analyzed and planned production techniques for preliminary toy designs in materials such as plastic and wood

Projects

CEMEX Carbon Capture & Storage Feasibility Assessment

Student Consultant, Business & the Environment Consulting Clinic — January 2019 – Present

- Evaluate policy changes necessary for carbon capture and storage to become financially feasible in existing cement production
- Submit findings to be used in National Petroleum Council report, solicited by the United States Secretary of Energy
- Maintain client relationship as part of a 3-person consultant team with CEMEX's Chief Economist and engineering team

Hand Me Up

Student Consultant, Sustainable Entrepreneurship Consultancy — January 2019 – Present

- Formulate strategy for online secondhand children's clothing startup to work with brick-and-mortar consignment shops
- Conduct customer and market research to understand market needs as part of a 3-person consultant team

Patents

System and method for triggering an alarm during a sensor jamming attack

US20190044641A1 — Pending

Automatic emergency door unlock system

US10062233B1 — Issued August 28, 2018