

TAGGART BONHAM

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EXPERIENCE

Smart City Lab (LIINES), Thayer School of Engineering

September 2019 – Present

Undergraduate Research Assistant – Dartmouth College

- Examine resilience of US energy infrastructure through geospatial modeling and simulation.

Shape Security

Product Management Intern – Mountain View, CA

Summer 2019

- Managed projects between engineering teams to advance core cybersecurity products.
- Conducted competitive analysis of cybersecurity industry to investigate product opportunities.

Nokia Growth Partners (NGP Capital)

November 2018 – March 2019

VC Analyst – Palo Alto, CA

- Analyzed industry landscapes and company financials for multiple verticals of Smart Cities / AI.
- Developed investment theses on autonomous driving and warehouse automation.
- Performed due diligence on potential investments, presented findings to investment team.

Magna International – Corporate R&D

June 2015 – August 2017

R&D Intern – At SRI International in Menlo Park, CA

- Developed computer vision algorithms for autonomous driving and indoor navigation.
- Evaluated new technologies and companies applicable to automotive industry.

America China Exchange

Summers 2011 – 2014

Teacher and Content Strategist – QiaoQi, Jiangyin, China

- Wrote curriculum and taught a classroom of 30+ students at a rural Chinese elementary school.
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EDUCATION

Dartmouth College – Hanover, NH

Expected Graduation in 2020

Computer Science Modified with Geography Major, Applied Math Minor, GPA 3.80

Thesis: Resilience of US Energy Infrastructure (Advised by Professor Amro Farid, LIINES Lab)

Varsity Sailing (Freshman Captain, Student-Athlete Advisory Council, Athletic Honor Roll), Alpha Chi Alpha Fraternity (Social Chair), Greek Leadership Council (Treasurer – Oversaw funding for the Greek System), Club Squash, Computer Science Tutor. Third Honors Group (2017-2019).

Menlo School – Atherton, CA

Graduated 2016

GPA 3.97, Distinguished Scholar, Highest Honors (2013 - 2016). Rowing (2012 - 2016). Eagle Scout (2015).

PROJECTS

Relm – Node.js, React

CRM system for students to develop relationships with business connections. Won The Pitch 2019 (Dartmouth's Startup Contest) and DEN's Crowdfunding Grant. Managed a DALI Lab team to develop the project from my MVP.

WiFi Monitoring Robot – Python, ROS, C++, R

Deadspottr, a robot that monitors and autonomously maps WiFi signal strength in an indoor environment.

Modeling Information Spread through Networks – Python

Investigated the contagion of extremist ideologies on social networks under varying censorship parameters.

TECHNICAL SKILLS

Mandarin, JavaScript, Python, C/C++, React, Node.js, HTML/CSS, R, Java, MATLAB, ROS, VHDL, ArcGIS