

Scott Huson

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EDUCATION

- **Brown University** Providence, RI
B.S., Computer Engineering; GPA: 3.78
Sep. 2017 – Present
- **The Country Day School** San Jose, Costa Rica
First in class at Costa Rica's top international high school. GPA: 4.64
Sep. 2015 – June 2017

EXPERIENCE

- **MIT Lincoln Laboratory - Rapid Prototyping Group** Lexington, LA
Engineering Co-op
Oct. 2020 - Present
- **Nasa Jet Propulsion Laboratory - EMIT Science Group** Pasadena, CA
Engineering Intern
Jun. - Aug. 2020
 - Designed/implemented high-bandwidth networking stack for imaging spectrometer satellite communications.
 - Published paper and presented software to EMIT project scientists and technicians for instrument use.
- **ShelfLife - Brewery Procurement Startup** Cambridge, MA
Technical Lead
Jan. - June 2020
 - **Project Management:** Leading development on multiple projects, coordinating engineers of diverse skillsets.
 - **Systems:** Building scalable system configurations leveraging modern tools for resource efficient projects.
- **Pro.com** Seattle, WA
Software Engineering Intern
May - Aug 2019
 - **Front-End:** Expanded feature set of rapidly growing startup's production-level customer facing web applications.
 - **Tools:** Microservice based internal communication tools using server-less components and external services.
- **Team Blacksheep - Racing Drone Equipment Manufacturer** Kowloon, Hong Kong
Lead Software Engineer
Jan. - July 2018
 - Programmed this 40-person startup's internal enterprise (ERP) product management, accounting, and customer-facing web storefront. System was cloud-hosted and in-house software based on PHP and MySQL.
 - * Streamlined shipping and packing software and hardware, reducing average order packing time by 50%.
 - * Implemented user account system for web store, increasing returning first-time customers by over 50%.
 - * Designed and executed migration to new custom-built tax-compliant accounting system including automated records management.
 - * Reduced product lead times through vendor-managed inventory with receiving and package tracking system.
 - * Added cryptocurrency payment options to web store using Coinbase Commerce custom PHP API and automatic reverse currency conversion.
- **Phoenix Bikes** Arlington, VA
Bike Mechanic
June - July 2015

PROJECTS AND LEADERSHIP

- **brownbytes.org:** Built platform for students to exchange meal credits with artificial intelligence-based routines to scrape internet and to publicize events offering free food.
- **Brown Beekeeping Society:** President of organization to promote beekeeping, and care for off campus hives.
- **Brown University Formula SAE Race Car Team:** 2019/2020: Brakes subsystem lead. Built simulator to train drivers. 2018/2019: Developed real-time telemetry system to monitor different parameters of car.
- **Brown Datathon 2nd Place:** Built UNet-style Machine Learning Model for Mouse Neuron Image Segmentation.
- **Tailsitter Research:** Designed, simulated, and built autonomous mono-propeller tailsitter prototype.

SKILLS

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| Languages | Python, TypeScript, PHP, C++, SQL, Rust, Java, Verilog, L ^A T _E X. Spanish. |
| Tools | Git, Solidworks, Firebase, Qt |
| Hobbies | Racing Drones, Remote Control Airplanes, Squash, Beekeeping, Cryptocurrency |
| International | Lived 9 years overseas in Costa Rica, Hong Kong, Brazil, Guatemala, and Poland. |