

# Scott Huson

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## EDUCATION

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- **Brown University** Providence, RI  
*Bachelor of 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.*  
Sep. 2015 – June 2017

## EXPERIENCE

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- **Pro.com** Seattle, WA  
*Software Engineering Intern*  
May - Aug 2019
  - **Front-End:** Expanded feature set of this rapidly expanding startup's production level customer facing web applications.
  - **Tools:** Microservice based internal communication tools using server-less components and external services.
  - **Environment:** JavaScript using React-Redux framework and Enzyme testing suite.
- **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 with Bip-42 encryption.
- **Carocon General Contracting** Charlotte, NC  
*Intern*  
June - Aug. 2016
  - **Scheduling** Optimized legacy construction scheduling tool written in Visual Basic.
- **Phoenix Bikes** Arlington, VA  
*Bike Mechanic*  
June - July 2015

## PROJECTS AND LEADERSHIP

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- **brownbytes.org:** Built platform for students to exchange meal credits. Developed artificial intelligence-based routines to scrape internet and to publicize events offering free food.
- **Brown Beekeeping Society:** Founder and President of organization to promote beekeeping, host speakers, and discuss sustainability.
- **Brown University Formula SAE Race Car Team:** 2019: Brakes subsystem lead. Built simulator to train drivers. 2018: Developed real-time telemetry system to monitor different parameters of car.
- **Brown Datathon 2<sup>nd</sup> Place:** Optimized UNet Style ML Model for Mouse Neuron Image Segmentation.
- **Developer QRU:** Developed IOS app to transfer contacts using QR codes; downloaded over 500 times.

## SKILLS

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<b>Languages</b>	Python, PHP, C, JavaScript, Java, Verilog, SQL, Rust, TypeScript, L <sup>A</sup> T <sub>E</sub> X. Spanish.
<b>Tools</b>	Git, Solidworks, Abaqus
<b>Hobbies</b>	Racing Drones, Remote Control Airplanes, Squash, Beekeeping, Cryptocurrency
<b>International</b>	Lived 9 years overseas in Costa Rica, Hong Kong, Brazil, Guatemala, and Poland.