

# Trenton Large

PRODUCT ENGINEER • ENTREPRENEURIAL INNOVATOR

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## Quick Points

### Entrepreneurial

Founded and manage two funded startups

### Leadership Ability

Product lead for team of five full-time staff

### Skilled Programmer

Competent with most major coding languages

### Highly Experienced

10 websites, 3 apps  
UI/UX Design, Testing

## Work Experience

### December 2015 – Present

#### ShareTempus - Philadelphia, PA

CTO/Co-Founder

*ShareTempus is an venture-capital (\$1Mil+) backed SaaS company providing sharing economy startups transaction-level damage and liability protection through a sophisticated API solution.*

- Developed MVP API using Node, Express JS, and MongoDB
- Developed new business plan and subscription model, doubling sales, after considerable competitive analysis and customer conversion testing
- Acquired 4 partner platforms, driving users from 0 to 300,000+
- Led product team of four to envision and build **patent-pending** software flow for platforms, users, and underwriters
- Coordinated actuarial and development teams to create machine learning algorithms to automate underwriting
- Used user feedback to design conversational UI for automated claims processing, cutting company expenses by 32%

### July 2015 – Present

#### PartiO - Durham, NC

CTO/Co-Founder

*PartiO is an angel-backed peer-to-peer renting marketplace for college students with 5,000+ daily users*

- Successfully led fundraising efforts, raising a \$100K round
- Developed and launched iOS/Android/Web MVP using React, Meteor, jQuery, SCSS, Bootstrap, MongoDB, and Rancher
- Led team of five (three engineers, one UI designer, one tester) through minor pivots, defining product and iterating vision based on customer feedback
- Integrated AI computer vision algorithm to detect and label products - PartiO's defining feature - after using A/B to identify major user pain points, increasing usage by 93%
- Worked with marketing team to develop organic growth strategy, increasing referrals by 130%

### May 2016 – June 2016

#### Flybridge (Venture) Capital Partners

Intern to General Partner

- Evaluated 50+ product pitches, including technology and business plan vetting. Contributed to final board decisions

### May 2014 – Present

#### Nicolelis Lab - Durham, NC

Brain-Computer Interfacing Research Associate

- Led UI project to redesign neuronal data rendering (14x > throughput). Product used in 2 Nature papers thus far

### May 2015 – July 2015

#### New Life, Inc - Belfast, United Kingdom

Web Development/Tech Specialist

- Owned and launched an EU/HIPAA compliant database and data analysis tools, enabling counsellors to more easily track patient statistics. Resulting data generated two annual contracts worth in excess of £300,000
- Designed business structure and lead website development for private medical service platform. Added revenue stream doubled patient capacity

## Education

May, 2018 **Duke University**

COMPUTER SCIENCE, ECONOMICS

Minor: Electrical/Computer Engineering

Languages English, Dutch, Chinese

## Recent Projects

### 2016 SMS-based AI Assistant

Based on Twilio, api.ai, and Node - Ex. Use: "Math homework is due next Tues"

### 2016 Custom Ghost Website<sup>4</sup> (for Social Justice!) (<http://theotherblog.org>)

Interface designed for usage with Ghost platform - Built with Markdown and PHP

## Service Experience

FOUNDER **Sci-On (Non-Profit)**

*Motivating at-risk students through STEM education in SC and NC.*

## Relevant Skills

### Technical Skills

HTML, CSS, Node/Angular/React/JS, C/C++, Java, Python, iOS, Android, git, NoSQL/Oracle/SQL, Linux, Hyper -v/Cluster/ Cloud Design, Meteor, RESTful API, Web Security

### Data Analysis and Design Skills

Puppet, Chef, Docker, MatLab, Mathematica, 3D modeling (Blender/ After Effects), R, LaTeX, PhotoShop, UI/UX design, survey design, marketing analysis, legal studies, A/B testing