

# John Duncan Shaeffer Jr.

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## **EDUCATION**

B.S. Computer Science, Arizona State University, Ira A. Fulton School of Engineering May 2020

## **SKILLS**

- ❖ Frontend: HTML/CSS, JavaScript, TypeScript, React (with NextJS or Gatsby), AngularJS, Vue
- ❖ Backend: Node, Express, Python, C/C++, Java
- ❖ Testing: Cypress, Jest
- ❖ Data: MongoDB, MySQL
- ❖ Mobile: Swift, React Native
- ❖ Other: Linux, x86-64 Assembly, Vim, Git/GitHub

## **PROFESSIONAL EXPERIENCE**

**Full Stack Developer**, The Luminosity Lab, Tempe, AZ Aug 2018 - Present

- ❖ Developing and collaborating in a diverse startup environment, releasing innovative solutions.
- ❖ Contributing React frontend and Node backend code to an app that is meant to help disability care facilities give better service.
- ❖ Building a MongoDB, Next.js and Node app from the ground up as a solo project.

**Software Developer (Senior Capstone)**, NASA Psyche Mission, Tempe, AZ Aug 2019 - Present

- ❖ Writing Python image analysis code and HTML/CSS/JS frontend code for a Node application designed to help meteorite professionals.

**Full Stack Development Intern**, Hughes Network Systems, Germantown, MD May 2019 - Aug 2019

- ❖ Enhanced a MEAN full stack app backed by Python that currently helps several teams in the company test critical functions surrounding its bandwidth allocation and traffic software.

**Frontend Developer**, HikerFeed, Remote Mar 2019 - Jun 2019

- ❖ Contributed Vue frontend code for a social networking app, connecting long-distance hikers.

**Google Cloud Platform Ambassador**, Google, Tempe, AZ Oct 2017 - May 2018

- ❖ Led events teaching complexities of the Google Cloud Platform along with engineers at Google to help students and faculty launch personal applications (recruited via Vaco).

**Information Systems Intern**, Cottonwood Residential, Salt Lake City, UT May 2017 - Jun 2017

- ❖ Worked closely with tax and audit managers, consulted on improvements to their website.

**Web Developer**, We Include Pluto, Provo, UT Jan 2017 - Apr 2017

- ❖ Created 1 simple website in order to sustain their 33% increase in social media growth.

## **LEADERSHIP / COMMUNITY SERVICE / INVOLVEMENT**

**Committee Chair**, Tempe Institute of Religion, Tempe, AZ Jan 2018 - Dec 2018

- ❖ Led and participated in 10+ service projects and events, collaborating with community leaders.

**Appalachian Trail Thru-Hiker**, Appalachian Trail, Georgia to Maine May 2018 - Aug 2018

- ❖ Hiked the entirety of the Appalachian Trail (2,190 miles) in 103 consecutive days, crossing 14 states on foot.

**1<sup>st</sup> Place Team**, 14<sup>th</sup> Annual Women in Computer Science Coding Competition, Tempe, AZ Mar 2018

- ❖ Solved the most Java programming problems as a team of 3 students against 38 other teams.

**Full-Time Volunteer Representative**, The Church of Jesus Christ of Latter-day Saints, Paraguay

Sep 2013 - Sep 2015

- ❖ Taught 1000s of citizens and local leaders, giving service in 5 separate urban areas.
- ❖ Gained proficient skill in professional written and oral Spanish.

**Eagle Scout**, Boy Scouts of America, Phoenix, AZ Jun 2007 - May 2011

- ❖ Led a group of more than 40 volunteers, delegating tasks and acquiring sponsors.

## **PERSONAL HOBBIES / INTERESTS**

Family and friends, long-distance backpacking, cycling, trail running, cooking, viola