

Michael Boyd

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EXPERIENCE

Nuesight – Lead Software Engineer

Sept 2017 – Jan 2018

- Built a real-time, secure video feed engine between multiple augmented reality headset and desktop applications
- Conducted 30+ code reviews and created robust set of code guidelines along with suite of integration tests
- Managed source control and organized all bug fixes prior to each new release

Brigham Young University – Research Specialist

April 2017 – Sept 2017

- Constructed an Microsoft Hololens UWP app to enhance communication and collaboration in a surgical context
- Implemented synchronous sharing of holographic objects between multiple headsets in local and remote spaces
- Shipped prototype of software application 2 weeks ahead of schedule, leading to future private investment

Spry – Cofounder

Jan 2017 – Dec 2017

- Uncovered customer pain and headed outreach to 5,000+ customers to validate a proposed product offering
- Created prototype of software app for Apple watch that alerts caregivers to emergencies of an elderly wearer
- Pitched for seed funding and award money at 10+ conferences, competitions, and events

CS Music – Director of Digital Marketing

Aug 2015 – Dec 2016

- Developed a new sales funnel including emails, webinars, and calls that led to 12% growth in qualified leads
- Led 12 American music professors to China to host 400+ person vocal competitions two years in a row
- Executed email and social media campaign to list of 47,000 customers, increasing subscription renewals by 28%

EDUCATION

Brigham Young University – Class of 2019

- B.S. Computer Science – 3.8/4.0 GPA
- Crocker Innovation Fellow, Dean's List Scholar
- Mandarin Chinese – Business Proficiency (10+ yrs)

SOFTWARE SKILLS

- **Proficient in:** Java, Android, C#, Unity, JavaScript, C++
- **Worked in:** Android, AWS, UWP, Node.js, HTML5, CSS, Python, Git, RESTful and TCP web services
- **Interests:** Graphics, Mobile Dev, AI, UI, Research

PROJECTS/HACKATHONS

Pantry Inventory Android App

Current

- Created an easy way to track food expiration dates, recipes, and meal plans using Android Studio and Java
- Featured on the Seattle Times Business Paper front page for this project

RGB Color Guessing Game

Spring 2017

- Developed game using JavaScript, HTML and CSS to help web designer learn RGB colors

Family Map Android App

Fall 2017

- Built application that maps all the events of a user's descendants and diagrams the connections

Other Projects

- **DealSherpa** – Project management dashboard for enterprise sales executives to manage inter-corporation tasks
- **Personal Website** – Designed and developed personal website for previous projects and blog posts

LEADERSHIP/OTHER

- **VP Startup Outreach** – *BYU Developer's Club* 2017
- **VP Technology** – *BYU Entrepreneurship Club* 2016
- **Full-Time Missionary in Taiwan** – *The Church of Jesus Christ of Latter-day Saints* 2013-15
- **Eagle Scout Award** – *Boy Scouts of America* 2011