

JK JENSEN

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EDUCATION

BACHELOR OF SCIENCE, COMPUTER ENGINEERING

Graduating 04 / 2017

BRIGHAM YOUNG UNIVERSITY

- Data Structures & Algorithms
- Problem Solving & Competitive Programming
- Digital System Design
- Embedded Systems & Real-Time Operating Systems
- Circuit Design
- Signals and Systems
- IoT Capstone (Product Design & Development)
- Probability Theory

SKILLS

Languages: C, C++ (proficient), Python (proficient), JavaScript (proficient), Java/Android (prior experience), VHDL (proficient), MATLAB (prior experience)
Bash Scripting

EXPERIENCE

FRONT END DEVELOPER | *XION RETAIL - PROVO, UT*

2016 –

Led web development in a company of four.
Trained another developer to proficiency with the Angular 2 framework.
Gained familiarity with AWS EC2, S3.

STUDENT SOFTWARE ENGINEER | *DIGI INT'L - LINDON, UT*

2015 – 2016

Improved and maintained Python framework for embedded RF modules.
Boosted test results analysis by 85% by automating log parsing.
Designed & developed full-stack web application with one other engineer using the MEAN stack.
Gained extensive experience with NodeJS, MongoDB, ExpressJS, Angular 2, and writing bash scripts.

NETWORK ANALYST, SUPERVISOR | *BYU OIT - PROVO, UT*

2014 – 2015

Consulted with end users to evaluate technical problems for campus networks.
Assessed network solutions on servers running Linux and Windows.
Promoted to Supervisor after 8 months.

PERSONAL PROJECTS

- Designed and developed an immersive virtual reality/augmented reality breathing training app.
- Optimized a package delivery vehicle using an embedded microcontroller.
- Led a team of 4 in designing/building a low-cost 3D Printer.
- Built an Arduino serial monitor/logger in JavaScript used for statistical analysis of IoT product usage.
- Developed a simple character recognition algorithm in Python.