Raj Patel

435.215.5919
rajpatel0820@gmail.com

EDUCATION

UNIVERSITY OF UTAH | *Salt Lake City, UT*   Expected Dec. 2018

Bachelor of Computer Engineering

GPA: 3.5

Relevant Coursework:

- Software Practice I & II
- Computer Organization
- Computer Systems
- Digital System Design

EXPERIENCE

SURVEY SAMPLING INTERNATIONAL | *Lehi, UT*   May 2017 – Current

Software Intern

- Created an Elastic Stack cluster for centralizing and searching logs of multiple applications.
- Developed Linux version of an Object Telephony System (OTS) controller in a team using REST API architecture. (Node.js)
- Unit tested the OTS Controller using Chai and Mocha frameworks.

UTAH NANOFAB | *University of Utah, Salt Lake City, UT*   May 2016 – May 2017

Software Assistant/IT

- Developed front-end and back-end of a time clock system website with automated emailing of time log report. (Node.js)
- Redesigned front-end of another website which showed real-time updates of current active users in clean-room lab.
- Built a custom Ubuntu installation disk equipped with applications for clean-room lab protocols, custom desktop theme, and restricted access user.
- Created a Chef server to monitor and automate updates for multiple computers.

SKILLS

- JavaScript	- jQuery	- Chai.js	- Bash	- C#
- HTML	- Node.js	- Mocha	- Git	- Verilog
- CSS	- Socket.io	- Assembly	- C	- Linux
- AngularJS	- Swagger	- Python	- C++	- Unix

PROJECTS

KM FASTENERS WEBSITE   Dec. 2016 – July 2017

- Designed and created a dynamic website for a manufacturing business.
  - Used Node.js for back-end.
- Implemented an administrator login page with SSL protocol.

ACTIVITIES

Co-leader of Atlas Engineering Club   2014 – 2015

- Designed and built a robot in a team of six for the First Robotics Program competition.