Andrew Kim

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EDUCATION

The University of Texas at Austin, Austin, TX   Graduation: Aug. 2020
Bachelor of Science in Computer Science

- Major Sequence GPA: 3.84

TECHNICAL SKILLS

- Java, Python, C, C++, Ruby/Ruby on Rails, React JS, Javascript, AWS, Docker, PostgreSQL, OpenGL

RELEVANT COURSEWORK

- Data Structures, Discrete Math, Computer Architecture, Python, Software Engineering, Data Management, Operating Systems, Algorithms, Object Oriented Programming, Programming for Correctness and High Performance, Cyberphysical Systems, Computer Graphics, iOS Development, Compilers

WORK EXPERIENCE

Tailored Industry, Austin, TX (Remote)   Jun 2019 – Aug 2018
Software Developer Intern

- Develop Full Stack software using Ruby and Ruby on Rails
- Integrate Shopify Orders API with administrative backend portal

Samsung Engineering America, Houston, TX   Oct 2012 – Apr 2013
IT Support Technician Intern

- Worked with IT Team to assist company's employees.
- Managed IT Asset information as well as workstations and servers.

Scott & White Memorial Hospital, Round Rock, TX   Mar 2012 - Sep 2012
Application Analyst III

- Responsible for design, implementation, and support of Epic Software with Professional Billing Team

HostGator Webhosting LLC, Houston, TX   May 2011 - Dec 2011
Jr. Administrator

- Troubleshoot Shared, VPN, and Dedicated Hosting solutions for customers
- Used Ubuntu Workstations to troubleshoot CentOS Webservers running cPanel/WHM

HACKATHONS

Schw-ackathon, **First Place**   Jan 2019
"Hey, Don't I Know You?" – Moving beyond the Password in Authentication

- Microsoft Azure Face API facial recognition software
- Azure Ubuntu 18.04 Web-Server
- Azure MySQL Database Server

Yuuvis Hackathon, **Top 4**   Aug 2019
Sharing and Collaboration – Envision new ways to share information beyond the whole document

- Used Javascript and ReactJS to create an automatically translating chat application
- Utilized Yuuvis API to provide instantaneous document translations to user defined language

Extra-Curricular

Rotoscoping Workshop   Apr 2019
Processing

- Participaed in a Rotoscoping workshop where the Processing application was used to design an Animation

Waterwedoing   Jun 2019 – Aug 2019
Full stack website

- Full stack web service that provides water quality data for counties and states across the United States
- ReactJS, Python Flask, Flask-Restless API, and Search Engine using Elasticsearch

PMD Model Animation Tool   Apr 2020 – May 2020
OpenGL

- Built an application to load PMD model files into the environment and animate the model using interface

Canny Edge Detecting Rotoscoping Tool
Processing

- Created a rotoscoping tool that used Canny's edge detecting algorithm to automatically draw in edges