Adrian Kuo

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EDUCATION

Bachelor of Science, Computer Science   **(Expected) May 2019**
Arizona State University – Ira A. Fulton School of Engineering

RELEVANT COURSEWORK

Cumulative GPA: 3.86

- Principles of Programming with Java
- Object-Oriented Programming and Data Structures
- Logic in Computer Science
- Computer Organization/Assembly Language
- Intro to Programming Languages
- Data Structures and Algorithms
- Introduction to Software Engineering
- Operating Systems
- Principles of Programming Languages
- Intro to Theoretical Computer Science
- Distributed Software Development
- Intro to Human Computer Interaction
- Computer Networks
- Database Management
- Software QA and Testing
- Multimedia Information Systems
- Mobile Development

EXPERIENCE

IntraEdge | *Software Development Technical Intern*
Summer 2017 | Chandler, AZ

- Applied skills learned during the prior summer to develop Solution Briefs, a MEAN stack web application which stores and displays the company's client success stories to engage prospective clients
- Led 2-person team developing Solution Briefs project during transitional period
- Implemented MongoDB database to store success story data separate from the client
- Developed a RESTful API server using NodeJS and Express to allow admins to modify data through the client

Summer 2016 | Chandler, AZ

- Developed HTML/CSS, Javascript, Angular, and Typescript skills
- Began development of an employee chat mobile application in Ionic
- Used Firebase to handle authentication, employee data storage, and chat functions

ENGINEERING PROJECTS

Autonomous Robot Maze Competition (1st Place)

- Collaborated in a 4-person team to create an autonomous robot to compete with other teams in traversing a maze
- Programmed the robot using MATLab
- Results: produced a robot which traversed the maze the fastest among all groups; the robot was one of the few which successfully completed the maze

Social Media Article Visualizer (ongoing)

- Developed a plan to:
- Collaborate in a 6-person team to develop a web application for academic research which identifies relationships between social media-related articles across different areas of study
- Create a web scraper for journal articles related to social media and display an interactive graph consisting of nodes (articles) and their relationships (citations) using Angular, D3, and Python

TECHNICAL

- Proficient: Java, C, C++, HTML/CSS, JavaScript, Angular, C#
- Familiar: Python, Swift, SQL, MongoDB, NodeJS, Express, MATLab, Scheme, Prolog, MIPS32
- REST and SOAP web services
- Version Control with Git