Robert Eugene Allen Jr.

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OBJECTIVE Application for Software Engineer

EDUCATION

St. Edward's University
Degree Awarded: B.S. in Computer Science
Major: B.S. in Computer Science
Austin, TX
Aug 2017- Dec 2020

Austin Community College
Major: Computer Science
Austin, TX
Aug 2016 - May 2017

Los Angeles Pierce College
Major: Computer Science
Woodland Hills, CA
Jan 2015 -   June 2016

Coastline Community College
Degree Awarded: Associate of Arts Major: Emergency Mgmt.
Fountain Valley, CA
Jan 2012 - May 2014

STRENGTH

Programming languages: C++, C, Python, Java
Operating Systems: Linux, Raspbian, Mac, Windows
Professional: Self-motivated, creative thinker, detail-oriented, team player

RELATED COURSES

- Programming in C++
- Programming in C
- Programming in Python/Java
- Software Engineering I & II
- Data Structures and Algorithms
- Web Programming
- Intro Computer Organization and Architecture
- Programming Fundamentals

TECHNICAL SKILLS

- *Tools*
  - Cloud Computing: Digital Ocean Droplet, Git: (Bitbucket, GitHub)
  - IDE's: Eclipse, IntelliJ, PyCharm, Visual Studio, XCode, Vim, API Dev: Postman
- *Frameworks/Libraires*
  - MySQL, MongoDB, Node, Express, React, Django, Bootstrap
- Protocols
  - MQTT, REST, HTTP and WebSocket Protocols
- *Other*
  - IOT Development (Raspberry Pi, Arduino)
  - Scrum Team/Master, Agile Software Development, Backlogging/Sprints, Planning, SDLC, System Diagram & Design Artifacts, UCD, Unit/Integration Testing, CI/CD, Trello

JOB EXPERIENCE

Fire Department Crew Leader | United States Marine Corps | Jan 2009 - Jan 2014
- Supervised daily apparatus and equipment inspections to ensure proper functions in the event of contingency responses
- Performed personal performance counseling sessions to ensure job performance, worker satisfaction, and personal goals were achieved.

Assistant Administrative Chief | United States Marine Corps | Jan 2006 - Jan 2009

- Created internal controls and established turnover procedures for an administrative section servicing an installation of 4500 Marines.
- Consulted with senior advisors on policies dictating daily functions and future procedures.
- Audited over 4,000 service records for required entries and documentation.

MILITARY HONORS

Two Navy and Marine Corps Achievement Medals and Two Certificates of Commendation
Two Marine Corps Good Conduct Medals and Eight Letters of Appreciation

PROJECTS

- *Autonomous Vehicle Logistics & Delivery TaaS Platform*
  - Vehicle Mapping/Routing Simulator using Google API, and REST, HTTP Protocols
- *Retail Inventory Management Solution Using Raspberry PI*
  - Contributed to the various stages of the development cycle (requirements, design, architecture, implementation, testing, documentation and delivery).
- *Senior Project - Help Without Judgment*
  - Contributed to the various stages of the development cycle
- *Smart Plant using Arduino*