­­­­­­Thomas J. Webb

(408)966-7911 · [tjwebb@comcast.net](mailto:tjwebb@comcast.net) · www.linkedin.com/in/thomas-j-webb

Objective

Enthusiastic and inquisitive software engineer seeking to use my experience and knowledge to develop innovative applications and systems.

Education

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| **San Diego State University**   * Completing Bachelor of Science in Computer Science May, 2019. * Cumulative GPA: 3.24 * Dean’s list Fall 2016 – Spring 2018   **Relevant Coursework**   * **Current Courses**: Computer Security and Computer Networks * **Completed Courses**: Operating Systems, Algorithms & their Analysis, Software Engineering, Database Theory & Implementation; Language & Computers; Programming Languages; Intermediate Computer Programming; Data Structures; Computer Architecture; Machine Organization & Assembly Language; Systems Programming; and Social, Legal, & Ethical Issues in Computing. * **Other Subjects**: Statistics, Linear Algebra, Discrete Mathematics, Calculus, and Physics. | 2015 - Present |

Work Experience

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| **Invetech**, San Diego, CA  *Software Engineer Intern* | 6/2018 - 9/2018 |

* **Connected IoT devices to the Amazon Web Services cloud to enable real-time monitoring and data analysis.**
* Installed various operating systems and programmedembedded devices to communicate with the AWS cloud.
* Developed and analyzed data flows through AWS.
* Routed data into long-term storage, analytics services, and various GUI modules.

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| **DoorDash**, San Jose, CA  *Delivery Driver­­­* | 2014 - 2017 |

* Provided excellent customer service while meeting delivery goals.

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| **High School Employment**, Los Gatos, CA | 2012 - 2014 |

* Data Entry, Handyman, Volunteering

Qualifications

* Programming Skills: Java, C, and Python
  + Familiar with: AppleScript, C++, JavaScript, and Lua.
* Amazon Web Services
  + IoT Console, S3, Kinesis, IoT Analytics, EC2, Elasticsearch, ElasticMapReduce, QuickSight, Lambda and more.
* Web Development: Node.js, Express.js, and Bootstrap. (**My website**: tjwebb.herokuapp.com)
* In-depth understanding of:
  + Data structures and algorithmic complexity.
  + Programming language theory and implementation.
  + Operating system functions and designs.
  + Oracle SQL databases and relational database theory.
  + Computer design and architecture.
* Experience using macOS, iOS, Windows, Android, and Linux/Unix (including RaspberryPi).
* Member of the Artificial Intelligence Club.
* Passionate and motivated. Able to learn new languages and frameworks quickly.
* Strong leadership, communication, and collaboration skills.