Leo K. Kodish

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EDUCATION

The Ohio State University, Columbus, OH   Overall GPA (4.00 scale): 3.443
B.S. Computer Science & Engineering, May, 2020
Minor: Environmental Science

Punahou High School, Honolulu, HI
Class of 2016   Overall GPA (4.00 scale): 3.8

QUALIFICATIONS
Computer Skills:
- Extensive use with Java, JavaScript, C, Git, HTML, CSS, Unity.
- Solid understanding of MATLAB and SolidWorks.
- Experience with Microsoft Word, Excel and PowerPoint.

Coursework Includes:
- Computer Science: Software Development. Data Structures, Algorithms, Computer Organization.
- Mathematics: Single and Multivariable Calculus, Logical Proofs, Linear Algebra.

Other Skills:
- Oral and written technical communication skills, Working in multi-disciplinary teams.
- Fluent in Japanese Language

ACADEMIC ENGINEERING PROJECTS
Student Record Directory (September 2018)
- Wrote a program to read in student records contained in a text file, build a linked list with each node representing a student and their grades, and perform operations such as insert/delete students, and print the record in reverse alphabetical order.
- Wrote program in C and used GDB for debugging.

Advanced Energy Vehicle Project (January 2017–May 2017)
- Planned and designed vehicle from initial concept designs to vigorous testing of the final version.
- Applied skills of Arduino programming to manipulate the speed and path of vehicle around designed track.

Software Design Project (November 2016 - December 2016)
- Applied skills of MATLAB programming to develop an interactive computer game with a four-person team.
- Wrote documentation for software, including a user manual and program description for developers.
- Created a project notebook containing project management documentation, and software documentation.

RSS Aggregator Project (October 2016)
- Applied skills of Java programming to develop a program to read multiple RSS 2.0 feeds and generate an HTML page containing a table of hyperlinks.
- Designed and implemented program around conditions using a design-by-contract approach to software development.

WORK EXPERIENCE
Liberty Mutual Insurance, Portsmouth, NH
- Delivered a rewrite of an existing full-stack application to source Bitbucket data and makerepository settings data accessible through a single-page application.
- Rewrote the existing codebase for the application to use an event-driven architecture to sourcedata in real time.
- Saved hours of time for compliance and product owners by automating this process.
- Technologies used include Node.js, Spring Boot, RabbitMQ, PostgreSQL, React, etc.

Ohio Union, Columbus, OH
Event Operations Assistant (April 2018- May 2019)
- Responsible for the setting up and conversion of the many event spaces at the Ohio Union.
- Requires close attention to detail, problem solving, and effective team communication.

Quali.fit, Tel Aviv, Israel
Software Intern (June – August 2018)
- Developed a multilingual CV parser to retrieve and parse client information from resumes sent to a Gmail account.
- Technologies used include Node.js, Express, Google APIs.

Datahouse, Honolulu, HI
Software Intern (June – August 2017)
- Worked in teams made up of interns and senior software engineers to develop software solutions for Datahouse clients.
- Developed chatbots using Google's Dialogflow platform and pitched them in presentations to local Hawaii companies.

HONORS AND ACTIVITIES

- Active member of Delta Sigma Phi Fraternity, Philanthropy Committee
  - Led marketing for philanthropy event that raised over $4,000 for the American Red Cross.
  - Diversity & Inclusion Chair, focusing on sharing stories and perspectives
- Active member of The Ohio State University Big Data and Analytics Association, Association of Computing Machinery
- Dean's List: Autumn 2017, Spring 2018, Autumn 2018 Semesters.