**Leo K. Kodish**

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88 W Woodruff Ave – Columbus, OH – 43210

808 – 387 - 2979 (Cell)

**EDUCATION**

**Punahou High School,** Honolulu, HI

Class of 2016

Overall GPA (4.00 scale): 3.8

**The Ohio State University**, Columbus, OH

B.S. Computer Science & Engineering, May, 2020

Minor: Environmental Science

Overall GPA (4.00 scale): 3.397

**PROFFESSIONAL SKILLS**

**Computer Skills:**

* Extensive use with Java, Microsoft Word, Excel and PowerPoint.
* Solid understanding of MATLAB, SolidWorks.

**Coursework Includes:**

* Computer Science: Software Development, Algorithms
* Mathematics: Single and Multivariable Calculus.
* Physics: Mechanics, Fluids, Thermodynamics, Waves, Relativity, Electricity and Magnetism.
* Engineering Fundamentals: MATLAB, SolidWorks, Oral and written technical communication skills, Working in multi-disciplinary teams.

**ACADEMIC ENGINEERING PROJECTS**

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 links.
* Designed and implemented program around conditions specified by a programming contract.

Software Design Project (November 2016 - December 2016)

* Applied skills of MATLAB programming to develop interactive computer games 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, business plan, and software documentation.

Advanced Energy Vehicle Project (January 2017–April 2017)

* Planned and designed vehicle from various concept designs and vigorous testing.
* Applied skills of Arduino programming to manipulate the speed and path of vehicle around designed track.

**WORK EXPERIENCE**

**Waikiki Improvement Association**, Honolulu, HI

Intern (July – August 2015)

* Analyzed spreadsheets containing data pertaining to Waikiki tourism industry and used Microsoft Excel to develop graphs to visually represent trends.

**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 The Ohio State University STEM Scholars Program.
* Active member of The Ohio State University Open Source Club.
* Active member of The Ohio State University Big Data and Analytics Association
* Active member of Delta Sigma Phi Fraternity’s Philanthropy Committee
* Member of National Honors Society Punahou High School, 2015.
* Fluent in Japanese Language.