Daniel Levy

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Cumulative GPA: 3.72/4.00

EXPERIENCE & PROJECTS

Kaleida Health • Web Technology Intern   *Summer 2019*

- Designed and coded a proof of concept asset plotting application. The hybrid mobile application is built on Cordova and will allow hospital staff to keep track of important equipment such as network switches, computers, and fire extinguishers. In order to accomplish this task, I used the Jibestream indoor navigation platform that already exists in Kaleida Health's hospitals to plot assets on the map. I worked with all team members on the front-end and back-end architecture, as well as the design. Technologies for this project included HTML, CSS, JavaScript, jQuery, and AJAX. I created the UI design with Adobe XD and coded using Visual Studio Code.

Kaleida Health • Web Technology Intern   *Summer 2018*

- Redesigned Kaleida Health's employee emails from the ground up to be responsive and more aesthetically pleasing. I used HTML, CSS, and .NET to modify a MailChimp email template.
- Wrote a Java program to extract image links from the news section of the Kaleida Health website and then used Automator to download the images. The images were going to be migrated to a new website.
- Migrated HTML content to the new Great Lakes Cancer Care website from an existing template.

The Music Assistant • Senior Design Project   2019 - 2020

- The Music Assistant is a web app that provides real-time feedback to singers as they sing a piece of sheet music. Our back-end system will analyze this feedback, which includes musical elements such as pitch, and intelligently create new singing exercises in order to improve singing ability. My job is to design and create the web app using React and Redux, handle authentication through Firebase, and create a MySQL database on AWS RDS. My team will use an AWS EC2 VM with Node.js to generate the exercises and pass them to the web app.

StudyHub • iOS App   January 2016 – March 2017

- Created a social media app for students in high school and college. Students can select their school and courses in order to engage with other students in their courses. Each course has a news feed where students can post questions, and students can message each other using built-in private messaging. The app also has functionality where students can anonymously post teacher ratings that all other students can see. Technologies for this project include Swift, Firebase (authentication and NoSQL data storage), MapKit and a plethora of third-party libraries imported using CocoaPods. The design was created in Sketch.

EDUCATION

B.S. Computer Science • Florida Institute of Technology

- Anticipated Graduation: May 2020
- Coursework: Discrete Mathematics, Data Structures & Algorithms (Java), Assembly Programming (MASM), Programming Language Concepts, Formal Languages, Parallel Processing (C/C++ and MPI/OpenMP), Software Design Methods, and Database Systems (SQL)

Front-End Web Development (4-month course) • Treehouse

- Certified: September 2019
- Coursework: HTML, CSS/SCSS/Bootstrap, and JavaScript/jQuery/AJAX

TECHNICAL SKILLS

- Programming Languages: HTML, CSS, JavaScript, SQL, Swift, Java, C++, and C
- Technologies: React, Redux, AWS, SQL & NoSQL databases, SCSS, CSS Modules, Firebase (BaaS), CocoaPods, Cordova, and MPI & OpenMP
- Tools: Visual Studio Code, JetBrains, Eclipse, Xcode, Sketch, and Adobe XD

SCHOLARLY HONORS

Dean's List	*6 / 7 Semesters*
Phi Eta Sigma Honor Society	*Spring 2017 Induction*
Panther Fund Academic Grant	*Fall 2016 – May 2020*

EXTRACURRICULAR ACTIVITIES & COMMUNITY OUTREACH

FIT Programming Club	*Spring 2018 – Present*
Florida Tech ACM	*Fall 2017 – Present*
VEX-U Robotics	*Fall 2016 – Spring 2017*
Residence Hall Association (RHA)	*Fall 2016 – Spring 2017*
Treat-or-Treat Halloween Event	*October 2016*