Daye Jack

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EDUCATION

New York University, College Of Arts and Sciences, New York, NY   Dec 2020
Bachelors of Arts, Computer Science, Cum Laude (GPA: 3.79)
Relevant Coursework: Applied Internet Technologies, Interactive Computing, Database Design, and iOS programming

Duluth High School, Duluth, GA   May 2013
Honors Graduate (GPA: 3.9)

TECHNICAL SKILLS

Coding Languages:	Swift, JavaScript, C, Python, SQL
Mobile Development:	React Native, UIKit, Xcode
Backend Development:	Node.js, Express, Socket.io, HTTP
Frontend Development:	HTML, CSS, Vanilla JS, p5.js, React
Databases:	MongoDB, SQLite, MySQL, Firestore
Methodologies:	Object Oriented Programming, Asynchronous programming, Agile

PROJECTS

Handel – Programming Language (Javascript, Tonejs, Programming language design)   Winter 2020
- [Link to the language](#)
- Handel is a procedural programming language for composing music in browser.
- Handel is implemented using programming language design best practices.

React-Native-Highlightr – Code Editor Component (Swift, React Native, Javascript, Native UI Components)   Fall 2020
- [Link to the library](#)
- React Native Highlightr is an open source library for react-native that wraps the Highlightr Cocoapod.
- React Native Highlightr allows users to easily add code editor views to their react-native mobile applications.

Mobile Coder – Mobile Application (Javascript, Node.js, React Native)   Fall 2020
- [Link to the Mobile Application](#) / [Link to the Desktop Client](#)
- Mobile Coder is a mobile app and desktop client that work together to allow developers to easily sync coding on the go on their mobile device with files on their desktop machine.

Moo Chat – p5 application (Socket.io, P5.js, P5 speech, Node.js, Javascript)   Fall 2020
- [Link to the chat application and documentation](#)
- A demo tile based 2D chat application. Users can create chat rooms, and invite friends. Within rooms, users appear as cows, whose animation state, and messages, are sent over web sockets.

TECHNICAL EXPERIENCE

Software Engineering Intern: *Echo AR,* New York, NY   Sept 2020 - Nov 2020
- Languages/Technologies: Java, Typescript, Angular, Augmented Reality
- Built demo augmented reality applications using the echoAR sdk, which are serving as example applications for users to gain inspiration from.
- Implemented profile picture functionality, which shipped to over 1,000 users.
- Made bug fixes, to add additional file conversion functionality for users on the echoAR console.

Software Engineering Intern: *PotatoTV,* New York, NY   Sept 2020 - Dec 2020
- Languages/Technologies: React Native, Javascript, Swift, Agile Methodologies
- Revamped multiple screens on the potatoTV mobile application. Added new features for the chat, admin, and homepage screens in the application.
- Began building a Swift port of the potatoTV React Native app.

Operating Systems Teaching Assistant: *Courant Institute (NYU),* New York, NY   Jan 2020 - May 2020
- Languages/Technologies: C, C++
- Aided students in debugging coding labs, by hosting weekly office hours.
- Provided guidance for students regarding concepts covered in the course (file systems, concurrency, etc.)

NON TECHNICAL EXPERIENCE

Recording Artist, *Warner Music Group,* Los Angeles, California   Jan 2014 - Aug 2018

ACTIVITIES

Founded Web Calls, (in top 10% of startups considered Y-Combinator Winter 2019)   June 2018 - Feb 2019