# Jaryd Meek

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www.github.com/JarydMeek

## Education

**University Of Colorado At Boulder**      August 2019 - May 2023
     GPA: 3.816

**Degree:** Computer Science, B.S.
**Minors:** Business, Philosophy
**Coursework:**

- Big Data Architecture
- Software Engineering Capstone
- Robotics
- Object Oriented Analysis/Design
- Intensive Programming Workshop
- Database Systems
- Operating Systems
- Artificial Intelligence
- Functional Programming
- Algorithms
- Data Science
- Human Computer Interactions
- Computer Systems
- Software Development
- Data Structures

## Experience

**Software Development Engineer Intern - Amazon Robotics AI**      Summer 2022
Canvas Technology

- Worked on Canvas Product IT team, primarily as SDE but also stepped in as DevOps Engineer to help team
- Redesigned code deployment tool, Ledger, from the ground up using React, React Redux, React Router, and Typescript
- Aided deploying networking to sort center for alpha deployment of robots
- Refactored integrated PC provisioning setup with virtualized PXE server
- Aided in management of CVEs, including moving organization tools such as Atlassian JIRA between AWS EC2 Instances
- **Utilized:** React, GraphQL, Redux, Typescript, AWS, Puppeteer and Puppet, Foreman, Proxmox

## Projects

**Personal Website:** www.jarydmeek.com (for additional projects and information)

### FCPX Markers To Timestamps

- Created a macOS application using Swift and SwiftUI that allows users to import a Final Cut Pro X (video editor) project file and extracts timestamps of markers
- Offers an easy solution for YouTube and other creators to create a list of chapters
- **Utilized:** Swift/SwiftUI for macOS

### Flight Check

- Developed an iOS application using Swift and SwiftUI that streamlines pilot flight planning
- Collects information from various Federal Aviation Administration and Department of Defense APIs
- Presents information in an easy to interpret fashion for pilot flight planning
- Incorporates persistent data storage using CoreData
- Published on the App Store
- **Utilized:** Swift/SwiftUI for iOS, MapKit, Local Storage

### Pathfinder

- Developed an iOS application using Swift and SwiftUI allowing users to track their exercise distance
- Allows users to track run, walk and biking path with distance information
- Includes leaderboards, path saving, login, and personal history
- **Utilized:** Swift/SwiftUI for iOS, MapKit, Python, HTML, SQL, Flask, AWS

## Skills

**SDE:**
Swift and SwiftUI, Typescript/Javascript, React, Python, C/C++, Git Java, HTML and CSS, SQL

**DevOps:**
AWS, Ubiquiti Unifi, Proxmox, Puppeteer and Puppet, Foreman, UnRaid and FreeNAS, VMWare ESXi