

AMAN DHAR

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Education

University of California, Berkeley

Aug 2015 – Present

- Pursuing B.A. in Computer Science and Applied Mathematics, expected May 2019
- Completed Coursework: Multivariable Calculus, Structure of Comp. Programs, Linear Algebra, Differential Equations, Data Structures, Data Science
- Current Coursework: Machine Structures, Discrete Mathematics, Statistical Programming
- Current GPA: 3.7

Homestead High School – Cupertino, CA

Aug 2011 – Jun 2015

- Completed AP Physics Mechanics (5), Electricity & Magnetism (5), Calculus BC (5), and Computer Science (5)
- 4.0 GPA

Skills

Languages

- Strong understanding of Python and Java
- Familiar with Objective-C/iOS development, R, SQL, Scheme

IDEs: Xcode, Eclipse, IntelliJ, etc.

Version Control Tools: Git/Github/Bitbucket

Projects & Experience

iOS applications Berkeley Map and Davis Map – Developer

Jan 2016 – Present

- Imported new locations/data from GPX and CSV files into apps' sqlite stores
- Greatly improved detail views for each location, adding photos, building information, etc.
- Performed significant work involving the Google Maps SDK for iOS
- Implemented various minor features including a share button, app tutorial view, etc.

iOS application Poké Compass – Developer

Aug 2016 – Present

- Wrote functions to perform all mathematical calculations involved in drawing a capture radius
- Implemented the connection between targets on map to a collapsible table view that easily organizes and helps manage seen Pokémon
- Managed colors and graphics for different Pokémon

Data Science Society, UC Berkeley – Tutor

Jan 2016 – May 2016

- Helped students in Intro to Data Science learn basic python, complete homework assignments and projects, study for exams, etc.
- Held exam review sessions and explained midterm-level problems to students in a lecture-style, Q&A format
- Helped organize and run the 2016 DSSB Data Science Forum

Folio Architects – Summer IT Intern

Jun 2015 – Sep 2015

- Set up a new conference room with Google Hangouts and Zoom technologies
- Managed and organized file backup system for various projects