

Abhinav Sriram

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EDUCATION

BROWN UNIVERSITY
Sc.B. IN COMPUTER SCIENCE
May 2023 | Providence, RI
GPA: 4.0 / 4.0

LINKS

LinkedIn: [Abhinav Sriram](#)
Github: [abhinavsriram](#)

COURSEWORK

RELEVANT

Object-Oriented Programming
Algorithms and Data Structures

APPLIED

Microeconomics
Multivariate Calculus
Environmental Economics and Policy
Transcending Transportation Impacts

SKILLS

PROGRAMMING

Proficient:
Java
Python
HTML • CSS • JavaScript
React Native • React
NoSQL (Firebase)
Familiar:
LaTeX • MySQL

TOOLS

Proficient:
Microsoft Office Suite • Google Suite

DESIGN

Proficient:
Framer • Figma • Procreate

PROJECTS

BROWN COURSE PLAN | IN PROGRESS

Summer 2020 | React Native

- Built a cross-platform (iOS, Android, Web) college planner.
- Helps track Schedules, Grades, 4-Year Course Plans, Requirements etc.
- Extensive back-end integration with Firebase.
- Hopeful roll-out to Brown community by August 2020.

PAGERANK

Spring 2020 | Java, JavaFX, Algorithms, Data Structures

- Built a Graph using an Adjacency Matrix as the underlying data structure.
- Implemented Prim-Jarnik and PageRank algorithms with a JavaFX Visualizer.
- The Prim-Jarnik algorithm finds minimum spanning trees and forests.
- The PageRank algorithm ranks the relative importance of nodes in a Graph.

OTHELLO

Fall 2019 | Java, JavaFX, Object-Oriented Programming, AI

- Built a graphical version of the two-player board game "Othello" using JavaFX.
- Implemented 3 increasing difficult AI players that use the MiniMax AI algorithm.
- Players can play against each other and against the AI.
- Deterministic AI players can play against each other.

EXPERIENCE

AMGINE INK | PRODUCT MANAGER AND SOFTWARE ENGINEER INTERN

Summer 2020 | Los Angeles, CA

FUJI ELECTRIC | PRODUCT MANAGER INTERN

Summer 2020 | Chennai, India

ALMA MATTERS | COLLEGE ADMISSIONS CONSULTANT

Summer 2019 | Santa Clara, CA

- Authored articles on college and application process, recorded podcasts, and answered questions on online forum.
- Worked closely with the CEO to grow number of users and create new sections on website (almamatters.io).
- Helped build a user base across India, Singapore, Malaysia, and the Middle East through Social Media and relevant ads.

RXMD (PHARMACEUTICAL CONSULTANCY FIRM) | INTERN

Summer 2018 | Chennai, India

- Evaluated the drug development process - from pre-clinical testing to commercialization, for several clients.
- Analyzed safety risks, lawsuit risks, economic viability and performed post-marketing surveillance of drugs.
- Worked specifically on cancer immunotherapy (chimeric antigen receptor T cells for malignancies).