ARIELLA J. NAVARRO

navarroariella@gmail.com | itsariella.github.io | github.com/itsariella

Education

University of California, Berkeley   Berkeley, CA
B.A. Data Science   *Expected Graduation: Fall 2022*
- Relevant Coursework: Data Structures, Software Engineering, Principles and Techniques of Data Science, Structure and Interpretation of Computer Programs

Employment

Software Development Intern   Remote
Nuleep   *Jan. 2021 – June 2021*
- Helped develop the frontend and backend of a SaaS startup in the job search industry
- Designed model schemas and created API endpoints
- Implemented user authentication with PassportJS and cookies

Private Tutor   *Aug. 2018 – July 2019*
- Tutored 1st - 4th grade students in elementary math and reading

Projects

Song Savant `https://songsavant.space/`   *Summer 2020*
- Developed a music game website where users guess as many song titles in 2 minutes
- Utilized the Spotify API to allow for user authentication, and the retrieval of music genres, playlists, songs titles and audio
- Recruited and collaborated with other student developers to help each other learn the basics of fullstack web development

Random Map Generator   *Fall 2020*
- Used path finding algorithms and data structures to generate a randomized text-based world
- Create user interaction through playable avatars and collectable objects

Chess Interface   *Fall 2018*
- Programmed an interactive chess board in Java

Score Keeper   *Fall 2017*
- Built a score-keeping program for one of my robotics competition seasons
- Used Python and the Kivy framework to implement a user interface intended for mobile-app deployment

Additional Experience

Academic Aerospace Scholar   Remote
National Aeronautics and Space Administration (NASA)   *May 2020 – June 2020*
- Selected to participate in a 6-week online course where I met with many space industry professionals and students to work towards a culminating final project on Mars exploration

Programming and Electronics Lead   Walnut, CA
Walnut Robotics   *July 2015 – June 2018*
- Wrote autonomous and driver-controlled programs for robotics competition
- Led programming workshops for teammates and rookie teams
- Progressed Los Angeles, CA Regionals and Spokane, WA Super Regional Tournaments

Skills

- **Programming Languages**: Python, Java, JavaScript, C/C++, Ruby
- **Frameworks**: ReactJS, Express, MongoDB, NodeJS, Tailwind CSS, Rails, Cucumber, Kivy
- **Tools**: Git, Pandas