

ANIKA PATEL

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SKILLS

Programming Languages: C/C++, Python, Java, JavaScript, HTML/CSS

EDUCATION

University of California, Davis

Computer Science and Engineering: Bachelor of Science

Honors/Awards: Regents Scholar, University Honors Program

Expected: Jun 2022

Cumulative GPA: 3.77/4.00

PROJECTS

Spotify Playlist Automation | Personal Project

- Developed an open source service using Python and the Spotify Web API that creates and fills playlists with a given artist's entire released works, or up to 10,000 songs
- Enhanced the "This is..." feature offered through Spotify by adding a service that systematically searches the entire Spotify library
- Designed the script to reduce search algorithm complexity and minimize the number of JSON requests made to the API
- Extended the project into a full-stack web application coded with the Django web framework, React, JavaScript, and HTML/CSS

Random Piano | Personal Project

- Created and released a web application built with JavaScript and HTML/CSS that plays piano keys and displays location-randomized animations corresponding to user keyboard input
- Researched and implemented event handling and DOM manipulation

Battleship | Object-Oriented Programming Course

- Built a cross-platform, command line-style multiplayer Battleship game in C++ with 3 artificial intelligence (AI) player options, allowing users to customize the dimensions of the playing boards and ships
- Utilized a Linux environment to develop and debug the game
- Received 100% grade, using Google Test to build and test over 25 different use cases

WORK EXPERIENCE

Orientation Lead Supervisor, UC Davis

Jun 2020 – Present

Office of the University Registrar

- Collaborating in a team of 4 with senior leadership to organize and implement the Office of the University Registrar's participation in Summer Orientation for incoming students
- Researched distribution strategies and communicated with various departments to coordinate the creation and disbursement of over 9,700 student ID cards, as a response to COVID-19
- Promoted within 12 months due to strong performance and organizational impact

Student Assistant, UC Davis

Sep 2019 – Present

Office of the University Registrar

- Managing confidential records and handling 50+ interactions per day troubleshooting and advising students, faculty, and parents on university registration system procedures as part of a versatile team of call center associates
- Drafted a knowledge base of detailed template materials that increased email response efficiency by 60%
- Performed user acceptance testing and created documentation for critical software application updates

City of Fairfield, Fairfield, CA

Jul 2019 – Aug 2019

Summer Intern, Information Technology Division

- Reviewed over 150 incoming IT invoices and corresponded with Accounts Payable/Receivable and third-party vendors regarding disputes and inquiries
- Drafted 17 City Council items throughout the internship, ranging in price from \$48,000 to \$2 million, each requiring extensive negotiation between attorneys, vendors, clients, and staff
- Presented weekly status reports to the Chief Information Officer

PROFESSIONAL EXPERIENCE

Rewriting the Code Fellow

Aug 2019 – Present

Women in Computer Science at UC Davis

Jan 2019 – Present