

LUCCA PSAILA

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EDUCATION

University of California Riverside

Expected Graduation: *June 2022*

Bachelor of Science in Computer Science, BS + MS Program

Dean's Honors List and Chancellor's Honors List Recipient

TECHNICAL STRENGTHS

Languages C++, JavaScript, Python, HTML, CSS, SQL

Tools Git/Github, jQuery, Socket.io, Redis Pub/Sub, SQLite3, AWS (EC2, S3, RDS),
L^AT_EX

WORK EXPERIENCE

Web Development Intern

June 2020 - Present

DeepInform - UC Riverside College of Physics and Astronomy

- Web application for medical professionals to share and manipulate very large images of tissue slides.
- Expanded the backend built with JavaScript and Python's Django framework.
- Developed image gallery in a user's profile to display all uploaded files in an account.
- Implemented AWS's RDS and S3 for the storage of user accounts and image files which decreased the gallery page's load time by 15%.

IT Technician

September 2019 - March 2020

UC Riverside Extension Center

- Assisted IT staff in troubleshooting software and hardware issues on 150 computer workstations.
- Set up equipment, including workstations, servers, printers, and mobile devices.
- Communicated with instructors and provided in-class support for multiple OS environments.
- Supported on average 50 students per work day, virtually and in person.

PROJECTS

[ChatVac](#)

June 2020 - Present

Bringing all your messages into one place

- Javascript and Python-based web application which combines both Slack and Discord APIs such that a user can fully access both services solely within their web browser.
- Implemented Redis Publish/Subscribe messaging system to connect APIs with server code.
- Integrated socket.io to allow for fluid communication between server and client side.
- Messaging data from Discord and Slack is stored in a SQLite3 database, and is displayed using jQuery.
- Server side of the application is run on AWS's EC2, and the client side is hosted with S3 and Route 53.

LEADERSHIP

Association for Computing Machinery

March 2020 - Present

President

- Student led organization focused on hosting hackathons and competitive programming competitions.

C++ Transition Workshop - Co-Lead

October 2019

Intro to IDEs - Co-Lead

May 2018