Henri Malahieude

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EDUCATION

University of California, Riverside   **Expected June 2024**
- Bachelor's of Science in Computer Science
- **3.92** Cumulative GPA

WORK EXPERIENCE

University of California, Riverside   **(Hybrid) Riverside, CA**
Assistant Researcher   *June 2023 - Present*
- Assistant to Dr. Philip Brisk
- Trained multiple **AI models** on Brisk's Compute Servers
- Designed custom layers in **Tensorflow/Keras**
- **Google Cloud Platform** utilized for more compute instances
- Programmed in **Python**

Software Assistant   *July 2022 - June 2023*
- Assistant to Manager of Technical Operations
- Worked on a **Visual Studio Code** extension to help students
- Upgraded all of the CS Department's backend to modularized **Docker** containers
- Helped with transfer of physical hardware across campus
- Programmed in **Docker**, **Typescript**, and **Javascript**

Credenzio Studios, LLC   **(Remote) Denver, CO**
Software Developer   *March 2020 - December 2021*
- One of Three Full-Time Developers at the Studio
- Helped increase Monthly Active Users by *2500%* by June 2021
- Managed a **MySQL** database using **MySQL Workbench**
- Agile methodology, 3-week sprints, daily meetings, **Jira/GitHub** Workflow Management
- Programmed in **Lua**, **Javascript (NodeJS)**, and **MySQL**

PROJECTS

Software Upgrade for Backend   **University of California, Riverside**
Docker Files for Singularity Translation   *August 2022*
- Wrote **Docker** files for all classroom server educational and security requirements
- Services 1,000+ students at the Computer Science Department of UC Riverside
- **Dockerfile**s are then translated into **Singularity** files for even greater security

SKILLS

- Experience in **Lua**, **BASH**, **Python**, **Javascript**, **Typescript**, and **MySQL**
- Proficient in **C++**, **Java**, **C#**, **GoLang**, and **CommonLisp**