

JASON PHILLIPS

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Objective: Leveraging my technical expertise from a double major in Computer Science and PPE to excel in software engineering and contribute to innovative projects while advancing my expertise.

EDUCATION

Pomona College – Claremont, CA

May 2023

B.A. - Double major in Computer Science and Politics, Philosophy and Economics (PPE)

GPA: 3.6/4.0

Relevant Coursework: Discrete Mathematics and Functional Programming, Data Structures and Advanced Programming, Algorithms, Systems, User Interfaces and Experiences, Usable Security and Privacy, Statistics.

SKILLS & TECHNICAL TOOLS

Languages: Python, JavaScript, Java, C++, HTML/CSS, C, R, OCaml, Haskell.

Technologies: Git, Jupyter Notebook, ReactJS, Flask, scikit-learn, PyTorch, TensorFlow, NumPy, pandas.

PROJECTS & RESEARCH

WikiHole

Fall 2023

- Chrome extension that traces a user's Wikipedia browsing history and graphically displays the "Rabbit hole" that the user went through. Built in **JavaScript** and **HTML** with Chrome API's.

NBA Stat Predictor

Spring 2022

- Uses nba_api to populate a **pandas** dataframe, and a **scikit-learn**'s MLPClassifier model trains with scikit-learn's train_test_split to predict specified statistics of a player. Uses API calls and regular expressions to format and populate data. Built with Jupyter Notebook.

Research Assistant | Pomona College Formal Analysis of Interactive Media Lab

Summer 2020

- Utilize **Tesseract OCR** and **OpenCV** to enhance text extraction accuracy from diverse in-game screens.
- Conduct extensive image preprocessing to optimize OCR performance and improve character recognition on challenging images.

PROFESSIONAL EXPERIENCE

Hamburg, Karic, Edwards & Martin LLP – Los Angeles, CA

May 2022 – August 2022

Law Clerk

- Work with small team of paralegals and attorneys, developing strong analytical and problem-solving skills by conducting thorough legal research and analysis to support attorneys in 30+ real estate litigation cases.
- Exceptional attention to detail in helping draft legal documents, including motions, briefs, and contracts with adherence to legal standards while adapting to a fast-paced and dynamic work environment.

Boston Image Reading Center – based in Boston, MA working remotely

June 2020 – June 2022

Data Processor

- Aggregate and organize large sums of data for ophthalmological clinical studies, leading macular degeneration data project with 700+ subjects via Salesforce in conjunction with leading a team of mentees.

PERSONAL

- *Community:* President and Founder of Rapping 4 Smiles, Torrance Memorial Medical Center Volunteer, Group Leader of Los Hermanos Community Service Organization, youth basketball coach.
- *Interests and hobbies:* Cryptocurrency law, American Politics, Brazilian Jiu-Jitsu, anime, basketball, cult classic movies, videogames, concerts, boardgames, pickleball.
- *Extracurriculars:* Mock trial – two-time team captain; dedicate 20+ hours weekly during competition season, working closely with team members to perform with diligence and professionalism on cases.