

ADAM FARID

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Education

Stevens Institute of Technology

Aug. 2018 – May 2022

Bachelor of Science in Computer Science; GPA: 3.6/4.0

Hoboken, NJ

Experience

Comcast NBCUniversal (Rotational Program)

July 2022 – Present

Final Rotation - **Peacock**, Machine Learning Engineer

New York City, NY

- Fine-tuned **Google Gemini 1.0** model, resulting in a **25%** accuracy enhancement compared to the existing computer vision solutions for ad-tagging.
- Utilized **PySpark** to analyze advertisement datasets to drive personalized marketing strategies, enhancing customer engagement and retention.

Second Rotation - **Universal Studios**, DevOps Engineer

Los Angeles, CA

- Designed and implemented CI/CD pipelines in **Azure** for frontend and backend, enhancing deployment efficiency.
- Enable secure networking traffic using **Azure Private Endpoint** flow to update the ontology-based Neo4j database on a private IP, ensuring secure data flow and confidentiality.
- Parsed unreleased movie scripts and prop PDFs for metadata extraction, optimizing data integration.

First Rotation - **Free Wheel**, Software Engineer

New York City, NY

- Spearheaded a successful 6-month laboratory project focusing on automating batch cloning, exporting, and editing of Client Player Profiles using **Python** and **MySQL** technologies, resulting in a 99% increase in processing speed.
- Increased code coverage by additional 5% by writing **Objective-C** test cases for the Ad-Manager platform.

IBM

Apr. 2022 – July 2022

Software Engineer Intern

Boston, MA

- Upgraded the client-facing Gurdium Insights Splunk App to the latest version utilizing **Splunk Enterprise SDK for Python**, ensuring seamless functionality and compatibility.
- Overhauled 90% of the Splunk App's user interface to accommodate rewritten API endpoints in backend services, enhancing user experience and accessibility.
- Contributed to the delivery of Software as a Service (SaaS) solutions for the IBM Data Security Team, leveraging expertise in data security and software development to meet client needs effectively.

WarnerMedia

Jan. 2022 – April 2022

Software Engineer Intern

Boston, MA

- Developed an internal feedback-capturing application for CNN Editors utilizing the **MERN** stack to assess User Experience (UX) effectiveness.
- Created the backend service from scratch that communicated with our front-end in order to store feedback responses in MongoDB.

Projects

One Click Chess | *ReactJS, Redux, CSS*

- Utilized the Lichess API in order to allow Users to play against computer bots from difficulty levels of 1-8.
- Integrated features such as move validation and piece highlighting to assist players in making legal moves.

Stocks Dashboard | *JavaScript, Node.js, Express, MongoDB, Handlebars*

- Built a dashboard targeting inexperienced traders providing them the ability to login to their account and select, add, or view stocks they are interested in.
- Utilized the express-handlebars library to generate HTML templates which improved the structure of the application and simplified the task of manually updating the data on the view.

Technical Skills

Languages: Python, HTML/CSS, JavaScript, SQL, NoSQL, LaTeX

Developer Tools: VSCode, Microsoft Azure, Databricks, Android Studio, AWS

Technologies/Frameworks: React, Docker, Linux, Jenkins, GitHub, JUnit, WordPress

Machine Learning: Experience with large language models (LLMs), including Google Gemini models; proficient in fine-tuning and leveraging LLMs for various natural language processing tasks.