Kaitlyn Brooks

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EDUCATION

Adelphi University, *Honors College*   **May 2022**
BS, Computer Science: Software Engineering   *Garden City, NY*
- Magna Cum Laude 3.6/4.0 GPA

WORK EXPERIENCE

Major League Baseball   **June 2023 - Present**
Broadcast Engineer - Replay   *New York, NY*
- Performance verification of equipment across 30 ballparks including video servers and communication equipment. Documented equipment status and verified video streams for live broadcasts while solving 95% of presented issues before and during games. Optimized a communication bridge between technicians, umpires, and officials. Attended technical support requests for software applications and broadcast technologies in order to improve official replay performance. Served on a team of replay developers creating applications aiding instant replay processes and officials.

Abercrombie & Fitch Co.   **November 2021 – Present**
Former Brand Representative, Stock Associate   *New York, NY*
- Tasks involved fulfillment of online orders, supporting store metrics, receiving and unloading shipment, inventory management, maintaining stockroom organization, and assigning daily roles to other members of the stock team.

Adelphi University   **August 2021 - May 2022**
Grader   *Garden City, NY*
- Graded coursework for over 90 students in two classes: Principles of Programming Languages and Database Management Systems. Provided feedback/help with data structures and the following languages: SQL, C, PHP.

PROFESSIONAL EXPERIENCE

Freelance Website Development (Remote)   **December 2021 - May 2023**
- Created and monitored a website for a startup Non Fungible Token company utilizing ReactJS, HTML/CSS, and open source APIs from Opensea.io. Offered client collaboration, maintenance and support, and site optimization.

NASA L'Space Mission Concept Academy (Remote)   **December 2020 - May 2021**
- Served as software engineer on a team of 14 engineering students to create a prototype for an unmanned vehicle expedition. Produced and presented a 90 page mission concept design for NASA's Lucy space launch to NASA.

NASA Proposal Writing and Evaluation Experience (Remote)   **August 2020 - November 2020**
- Collaborated with over 15 students and NASA professionals to develop a proposal for technology needed for NASA's Mars Exploration Program. Evaluated and graded proposals submitted by participants alongside NASA professionals.

RESEARCH EXPERIENCE

[**The Purpose of NFTS: What role do Non-Fungible Tokens play in the future of art and technology?**](#)   **August 2019 - May 2020**
- Published a 78 page thesis on the emergence of NFTs and its role as an interdisciplinary meeting ground for art collectors and programmers to create a new medium. Presented at conferences in New York and Pennsylvania.

PROJECTS

ROC LIVE   **August 2022 - Current**
- Served as the front end developer in creating a web application for Major League Baseball's Replay Review in order to aid the automation of live camera changes and instantly provides broadcast networks with requested feeds from inside MLB headquarters during live challenges. Utilized React, Typescript, HTML/CSS, STATS API, and Java.

SKILLS

- **Programming Languages:** Javascript, React, SQL, R, Python, Java, HTML5/CSS, PHP, Linux, Unix, Typescript
- **Tools:** AWS, Firebase, Git, Google Cloud, Microsoft Office 365, GSuite, Slack, ServiceNow, Jira, Asana,

Grafana, Github, Evertz, Bombgar, Hawk-eye