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EDUCATION

Drexel University   **Philadelphia, PA**

Bachelor of Science in Computer Science   *Expected Graduation – June 2026*

Cumulative GPA: 3.51/4.0

Relevant Coursework: Data Structures & Algorithms, Computing & Informatics Design, React, Advanced Python Programming, Object Oriented Programming,

Clubs & Awards: Drexel Dean's List, Drexel Dean Scholarship, Drexel AI, The Good Idea Fund, Drexel African Student Association

SKILLS

Programming Languages: Python, Node.js, JavaScript, Swift, Java, HTML, CSS, Bash, C, C#, SQL

Technical Skills: Microsoft Azure, AWS, OSI Soft, Honeywell Experion DCS, React, GitHub, Agile Methodologies, Express, Tailwind CSS, JWT, bcrypt, React

Professional Development: Mastercard Career Readiness Program, CodePath Advanced Technical Interview, ServiceNow NextGen Program, Code2040 Fellows Program

WORK EXPERIENCE

Penn Medicine, Department of Radiology   **Philadelphia, PA**

Software Engineer   *July – September 2024*

- Developed and documented web and database code using PHP, JavaScript, XML, JSON, and SQL to enhance a gamification platform aimed at improving radiology residents' understanding of image interpretation
- Collaborated with radiologists and clinicians to design and iteratively refine UI and UX, optimizing the user experience and improving user interface features
- Participated in project-related events such as platform trials, academic conferences, and radiologist shadowing, contributing to academic articles and presenting research findings

Solvay Specialty Polymers   **West Deptford, NJ**

Process Engineer   *April – June 2024*

- Supported projects and operation through data gathering, analysis, and implementation of changes in a fluoropolymer manufacturing facility using PI technologies by OSISoft
- Updated the Distribution Control Systems and Plant Information screens, supporting the conversion of control systems and editing of pre-existing plant structures on the database systems
- Performed plant instrument trouble shooting procedures by analyzing trends of tags in the plant

Morgan Lewis & Bockius   **Philadelphia, PA**

Software Developer   *March – September 2023*

- Spearheaded the development of the Early Adopter App, an initiative to automate software adoption across the firm, enhancing workflow efficiency and user experience
- Conducted comprehensive testing and quality assurance, utilizing analytical skills to identify performance challenges and streamline application workflows

PROJECTS

AfroRank   **April - May 2024**

Software Developer

- Developed AfroRank, a web application for African students to find and review universities in the U.S., using React for the frontend and Node.js with Express for the backend
- Implemented secure user authentication and authorization with JWT and bcrypt for password hashing
- Utilized MongoDB as the database to store user data, using Mongoose for database modeling and queries
- Enhanced user experience and interface design with Tailwind CSS for responsive and modern styling
- Configured project setup and development environment with tools such as Create React App, craco, and Postman for API testing and debugging

Centaur   **July - Present**

Full-Stack and Software Engineer

- Modernized Centaur, a medical education platform, by migrating the frontend from PHP to React, improving user interface and interactivity for medical trainees and professionals
- Integrated existing PHP backend with the new React frontend, ensuring seamless data flow and maintaining compatibility with the SQL Server database
- Utilized React Router for client-side routing and Tailwind CSS for responsive design enhancing user experience
- Collaborated with backend developers to refine API endpoints *for* data retrieval and submission for user modules