

Alice Gonzalez

SOFTWARE DEVELOPER

Wilmington, DE | AliceGCodes@gmail.com
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TECHNICAL SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, Java, Python (Beginner) , Shell Scripting, TypeScript
- **Frameworks:** React.js, jQuery, Spring, JHipster, Node.js, Django, React Native
- **Databases:** MySQL, SQL Server, PostgreSQL,
- **Tools & Methodologies:** GitHub, Visual Studio Code, IntelliJ IDEA, Agile, Test Driven Development (TDD), RESTful APIs, Jasmine, JUnit, UX/UI Design, Docker, Figma, Mockito, Postman

PROFESSIONAL EXPERIENCE

Omdena Wilmington - Wilmington, DE

Aug 2024 - Present

Lead Software Developer Volunteer

- Engineering a custom automated transportation optimization system to refine student pick-up and drop-off routes, minimizing driver waiting times and delays, which boosts operational efficiency and supports program enrollment growth.
- Developing backend services in Java, creating efficient algorithms for route optimization, and managing data with MySQL, utilizing REST APIs for seamless integration.
- Building a responsive front-end interface with Angular to enhance user interaction and data visualization for the routing system and database administration.

Code For Philly - Philadelphia, PA

Jul 2024 - Present

Software Developer Volunteer

- Strengthened full-stack application **Balancer Project** utilizing AI technology to suggest personalized medication treatments, enhancing the accuracy and efficiency of the treatment process.
- Integrated server-side components to create endpoints for efficient communication with the database, ensuring seamless data handling and integration.
- Refined responsive design with Tailwind CSS as part of a team using React, Django, and PostgreSQL, implementing secure authentication.

Zip Code Wilmington - Wilmington, DE

Feb 2024 - May 2024

Software Developer Trainee

- Engineered and deployed a banking money management platform for **Morgan Bank**, integrating secure user authentication, transaction capabilities, a chatbox, and a customizable savings tracker.
- Developed backend services with Java and Spring Boot, and designed dynamic, responsive user interfaces using React, HTML, and JavaScript. Utilized RESTful APIs for seamless frontend-backend communication within a team of five.
- Completed over 1000 hours of intensive full-stack development training, focusing on backend technologies, databases, object-oriented programming, and Agile methodologies.

Teleperformance - Exton, PA

Oct 2018 - Oct 2023

EAP Care Manager

- Implemented IT system changes and features for Spanish-speaking members, making it easier for them to seek care by enhancing the user experience.
- Provided technical support for user authentication issues and website troubleshooting.
- Resolved over 100 cases per month and managed a caseload of 50 cases per week on average; achieved these results by providing crisis intervention and delivering custom Disruptive Event Management (DEM).

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EDUCATION

Philadelphia College of Osteopathic Medicine
Master of Science in Forensic Medicine

Philadelphia, PA
Aug 2021

Purdue University
Bachelor of Science in Health Sciences (GPA: 3.42)

Indianapolis, IN
Feb 2018

Berks Technical Institute
Associate of Applied Science in Medical Assisting (GPA 3.79)

Wyomissing, PA
Mar 2013

LEADERSHIP

SAS Hackathon 2024: Leading team of nine junior software developers to craft an innovative full-stack cloud application. We will leverage cutting-edge front-end technologies and powerful cloud infrastructure to build a scalable, reliable solution aimed at addressing real-world challenges with seamless integration and impactful results.

OTHER

Certifications: Full-Stack Java Software Developer (2024), AWS Cloud Practitioner (In progress)

Relevant Academic Coursework: Advanced Health Informatics; Statistics; Microcomputer Applications; Computer Applications; Office Systems; Research Design & Methodology; Research Methods; Data Analytics

Languages: English (Fluent), Spanish (Fluent)