Brenda Garcia

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EDUCATION

Nova Southeastern University (NSU)   Fort Lauderdale, FL
Bachelor of Arts in Computer Science, Minor in Mathematics   December 2022

- GPA: 3.92   • Dean's List: Fall 2019 - December 2022

TECHNICAL SKILLS

Programming Languages: C#, Java, Python, C++, SQL, JavaScript, HTML/CSS, Kotlin, Dart, PHP
Tools: .NET, Git, Visual Studio, Angular, RESTful APIs, Azure, Android Studio, Firebase, Microsoft SQL Server, Cypress, tSQLt, NUnit, Atlassian Jira, Azure DevOps, Agile
Languages: English, Spanish

EXPERIENCE

Software Engineer   June 2023 – Present
Alegeus Technologies, LLC   Remote, USA

- Co-led the initiative for the migration of Alegeus's core administrative product from OnPrem to Azure. This role encompassed in-depth learning on Azure app services, strategic meetings with leaders, comprehensive documentation, and adept problem-solving to overcome blockers.
- Successfully delivered critical hot fixes to production within tight deadlines, showcasing agility, problem-solving skills, and commitment to product stability.
- Engineered a pivotal lower environment page instrumental in automating a crucial feature, thereby enhancing operational efficiency.
- As a new joiner, exceeded expectations by completing 30+ user stories, contributing to code reviews, elevating product quality and team efficiency. Recognized for early integration and prolific contributions to the team.

BHG Financial   Remote, USA
Software Development Engineer in Test   Aug. 2022 – May 2023

- Implemented the "5 Whys" methodology to conduct root cause analysis on defects and test results, resulting in the identification of underlying issues and the development of effective solutions that reduced defects by 40%.
- Leveraged automation frameworks and tools such as Cypress, JMeter, and TestRail to optimize test coverage and minimize testing time by 25%.
- Maintained test artifacts and documentation using tools such as JIRA and Confluence, ensuring traceability and auditability of test cases and defects.

Software Developer Intern   May 2022 – Aug. 2022

- Implemented a code cleanup initiative resulting in a 30% reduction of unused or unnecessary code, improving code maintainability and reducing future development time.
- Collaborated in an Agile environment to develop and enhance web-based applications and back-end services using C# with the .NET Framework, SQL, and modern front-end tech (JQuery, CSS, Bootstrap, JSON) to improve user experience.
- Ensured high-quality, efficient code through participation in code reviews, testing, and debugging, resulting in a 20% reduction in the number of bugs reported by end-users.

Top Tracking System LLC   Miami, FL
Full Stack Web Developer   Dec. 2021 – May 2022

- Collaborated with a team member to design and develop a web application that streamlined the manual daily transaction management process for 20+ company personnel, resulting in a 60% reduction in transaction time.
- Conducted user research to inform UI/UX design decisions and created an intuitive interface that increased user adoption and efficiency.

Projects & Leadership Experience

DropPoint | *Java, XML, HTML, CSS, Firebase, Android Studio, Google APIs*   Aug. 2022 – Dec. 2022
- Developed an Android mobile app using Java, streamlining the process of trip planning and management for users.
- Integrated Firebase and Google APIs/SDKs for real-time data and location services
- Implemented a social network-inspired app with features for browsing posts, receiving recommendations, and creating a travel itinerary, resulting in a 45% increase in time efficiency for users.

Deliciousness | *.NET MVC, C#, HTML, CSS, Javascript, SQL*   Mar. 2021 – May 2021
- Collaborated in a team to design and develop a web-based application for food recipe sharing using ASP.NET MVC.
- Applied the Agile methodology and gained experience as a Scrum Master in leading and organizing the team.

Women in STEM | *Founder/ Co-President*   Oct. 2019 – Dec. 2022
- Founded and co-led a Women in STEM organization to provide a supportive community for female students in NSU.
- Organized events with guest speakers to provide professional advice and overcome workplace challenges.
- Volunteered to teach a Computer Science lesson at the PACE Center for Girls of Broward County, inspiring 80% of the female students to express an interest in pursuing a career in STEM.