Ava Rodriguez
Programmer Analyst

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WORK EXPERIENCE

Highmark Health - Programmer Analyst

2018 - current   Pittsburgh, PA

- Proactively identified and fixed 23+ bugs in existing websites monthly to make them more user-friendly, improving reliability by 94%, according to visitor surveys.
- Used Eclipse to build and maintain 7+ scalable and robust applications to allow patrons to understand the organization's health and wellness objectives better.
- Efficiently developed 4 software products in two years using Eclipse IDE that generated $1.1M revenue.
- Directly communicated with stakeholders in meetings to translate 32 health and wellness business requirements into technical specifications and improve annual profit.

UPMC - Project Manager

2015 - 2018   Pittsburgh, PA

- Optimized patient data storage, improving the overall system speed by 33% using Microsoft SQL Server.
- Implemented a hospital-wide risk management system, reducing patient safety incidents by an average of 39% each month.
- Managed a $2.4M project budget for hospital outreach and promotions, ensuring all monthly expenses remained within 3.7% of the overall budget.
- Led a team to develop an electronic health record system across multiple departments, making data readily accessible and reducing paper use by 87%.

Duolingo - Software Developer

2012 - 2015   Pittsburgh, PA

- Assisted in the launch of Duolingo's new language course, which acquired 137K users in the first month.
- Led a project to refactor legacy Oracle database schema, improving query performance by 31%.
- Developed 8 new features in Duolingo's mobile app, improving the overall interface and user experience for 3.9M active users.
- Used Java for creating authentication protocols, decreasing unauthorized access incidents by almost 96%.

EDUCATION

Carnegie Mellon University - Bachelor of Science, Computer Science

2008 - 2012   Pittsburgh, PA

SKILLS

Oracle Database; Microsoft SQL Server; Java; Python; Eclipse; Visual Studio; R; Git