Liam Wilson

Software Engineer

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EDUCATION

AUG 2015 - JUN 2019

B.S. Computer Science (**GPA:** 3.8)

University of Miami

Miami, FL

SKILLS

- JavaScript
- MySQL
- MongoDB
- Python
- Back-End Development
- Front-End Development
- Debugging
- DevOps
- API Development

CAREER OBJECTIVE

With experience in software development and testing, I aim to join World Fuel Services and support its mission of leading the energy industry. My passion for technology and sustainability inspires me to develop applications that ensures seamless operations for supplying natural gas.

WORK EXPERIENCE

APR 2022 - Current

Junior Software Developer

Ryder System, Miami, FL

- Coordinated with 4 engineers to maintain a large database on MongoDB, decreasing RyderGyde app's downtime cases by 11%.
- Developed a real-time tracking system for fleet management, helping the company locate up to 7 fleet vehicles simultaneously.
- Integrated Google Maps API for adding 2 geo-tracking features, allowing the team to plan routes 16 minutes quicker.
- Leveraged machine learning algorithms to monitor historical and live data, increasing traffic forecasting accuracy by 42%.

ACHIEVEMENTS

Hackathon Winner

Devpost IUL 2018

Stood first at Devpost's 2018 HackMIT for developing a unique fitness tracking application with 4 team members.

JAN 2020 - DEC 2021

Software Test Engineer

Modernizing Medicine, Boca Raton, FL

- Debugged high-priority software, contributing to a 53% improvement in application performance.
- Introduced a new API testing strategy, lowering integration errors by 39%.
- Implemented performance testing routines for cloud-based EHR services, reducing load times by 2 seconds.
- Worked alongside senior engineers to find 21 undetected bugs.

JUL 2019 - NOV 2019

Software Engineer Intern

Kaseya, Miami, FL

- Assisted in developing a responsive iOS web application using JavaScript for a high-profile client of Kaseya, gaining 2,518 downloads within 3 months.
- Automated web scraping with Python scripts, saving 7 manual hours each week.
- Participated in DevOps training workshops, using best practices that allowed the entire team to complete 26% more tasks daily.
- Reviewed code written by other interns, improving their quality and finding an average of 12 bugs in each code.