

Nicholas Vail-Stein

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Skills and Competencies

- Languages: Java, Python, C++, C#, Swift, SQL.
- Technologies: Amazon AWS (S3, Lambda, Elastic Beanstalk), Dlib Machine Learning, Git.

Summary

- Results and Goal-Oriented Software Engineer.
- Proficient in SCRUM and Agile methodologies.
- Trained in compiling requirement analysis and writing technical documents.

Education

Monmouth University: BS Software Engineering | Sept. 2016 - May 2020

- Certificates: Physics, Computer Science.
- Courses of Interest: Operating Systems, Enterprise Mobile App Development, Software Process Improvement.
- PE Coursework: Modern Physics, Theoretical Physics.

Development Experience

Hawks Park

- Developed a multiple object detector using machine learning to recognise cars in a live feed of images.
- Developed and deployed a scalable cloud server with an API and developer backend.
- Created an iOS app to display the information gathered to end users utilising our API and GPS functionality.

InternSquad

- Developed and deployed a demo website built with Ruby on Rails utilizing agile methodologies and Git source control.
- Integrated a SQL database with a developer backend to accept form submissions.

Work Experience

Sylvan Hotels Inc. | Front Desk Manager and Night Auditor | June 2016 - Present

- Guest relations, accounting, and inventory management.
- Helped transition from manual inventory system to automated spreadsheets.

Extracurricular: Monmouth University Track and Field