THOMAS VANIER 732.977.8060 TEV2153@gmail.com

EDUCATION

Lehigh University

B.S in Computer Science, B.S in Business, Dual Degree Honors Program

May 2019 Bethlehem, PA

• Certificate in Global Citizenship

SKILLS

Technical: Java, Ruby, SQL, Scala, JavaScript (Node.js, React.js), Git, HTML, CSS, R, Swift, C, C++

Relevant Coursework: Programming and Data Structures, Software Engineering, Database Systems, Systems Software, Programming Languages, Computer Organization and Architecture, Fundamentals of Machine Learning, Web Systems Programming, Artificial Intelligence Theory and Practice, Intro to Data Science, Design of Integrated Business Applications, Linear Algebra, Discrete Mathematics, Statistics

RELEVANT EXPERIENCE and PROJECTS

Software Engineer Spring 2019 – Present

Cerner Corporation

Malvern, PA

- Design, Write, Test, and Deploy code for a variety of projects following a "Everyone does Everything" mindset
- Work with a variety of different languages and frameworks such as Java, Ruby on Rails, Scala, JavaScript, React, etc...
- Collaborate in daily Stand-Up meetings as part of an Agile work environment
- Communicate with Architects and Solutions Designers regularly
- Mentor new associates while they participate in training

Information Technology and Solutions Intern

Summer 2018

Bridgewater, NJ

- Created a POC for a Continuous Integration/Continuous Delivery (CI/CD) Pipeline Automated Testing Framework
 - Developed sample applications in Java and JavaScript/HTML
 - Crafted unit tests for sample applications using JUnit and Selenium WebDriver respectively
 - Created CI/CD pipeline using Gitlab to automatically compile and run tests after committing code
 - Documented process to ease continuation/replication efforts of teammates
- Managed the shift from an outdated SharePoint platform to a GitLab Repository
- Performed script testing and documentation
- Led a team of 3 other interns through internal asset management procedures

Independent Contractor

MindBridge Innovations, LLC

Spring 2018 – *Winter* 2018

Bethlehem, PA

- Developed an IOS application, using Agile methodologies, to be integrated with a stationary therapy bike
- Led efforts on User Interface and data persistence

Independent Contractor

Winter 2017 – Spring 2018

Lehigh University Global Citizenship Program

- Developed a website using React is to be used an independent social media platform
- Responsible for frontend development
- To be used by Lehigh University offices and classrooms

Additional Projects

 Created a personal website from scratch using Next.js and deployed using Vercel 	Spring 2020
• Created data models in R that analyzed >10,000 database entries to predict MLB players' salaries	Spring 2018
• Constructed a compiler in C++ for a pseudo-code language grammar	Spring 2017

• Created and populated a database design for a fake rental-car company and created a basic UI Spring 2017