

Joseph B. Verbeck

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Goal

To hold a position in the computer field where I can utilize and further develop my technical skills

Skills

- Programming experience in Java, Ruby on Rails, Python, NodeJS, JavaScript, JQuery, MySQL, PostgreSQL, MongoDB, DynamoDB, HTML, C++, Rust, Bash Scripting, Spring, Junit, Rspec, Mockito testing
- Competence in the SCRUM framework, Docker, Microservices and continuous integration environments

Experience

Programming Projects

Sentry

SixGen

- Refactored code base to follow more Rails standards, design and DRY principles
- Implemented CI/CD pipeline for project
- Helped design new architectural design for project in AWS

Pediatrics-MATCH

Frederick National Laboratory For Cancer Research

- Designed microservice system architecture
- Wrote Junit and Rspec tests to meet 95% code coverage requirement
- Delegated tasks to junior programmers and served as point of contact for team
- Constructed token authentication using OAuth for both Java and Rails frameworks

MOIP

Frederick National Laboratory For Cancer Research

- Implemented VCF parser using a factory pattern in Rails
- Designed own logic creator for business rules of project

MATCH

Frederick National Laboratory For Cancer Research

- Designed rules engine interface using Java and Drools
- Increased service response time by 83%

Essex Management

Software Engineer, Rockville, MD

May 2020 - Present

- Implemented AWS serverless design patterns
- Assisted in teaching colleague about engineering best practices

SixGen

Software Engineer III, Annapolis, MD

June 2019 – May 2020

- Oversaw team as technical lead
- Worked with multiple teams as Devops
- Introduced individuals in SkillBridge program to software engineering

Frederick National Laboratory For Cancer Research

Programmer Analyst III, Rockville, MD

August 2014 – June 2019

- Designed and implemented front-end, middle-ware and back-end software
- Implemented AWS microservices design pattern
- Containerized applications and help deploy them to AWS

Leidos

Software App. Engineer II, Arlington, VA

September 2013 – August 2014

- Executed code Generator in Python
- Mentored junior software engineer in further developing skills
- Assisted in deploying code to end product

SAIC

Software App. Engineer I, Lexington Park, MD

March 2011 – September 2013

- Designed software for monitoring network equipment and LDIF systems

Education

Towson University, B.S. Computer Science