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## 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, while earning an M.S. in Software Engineering.

### Skills

- Programming experience in Java, C++, Ruby on Rails, MySQL, PostgreSQL, MongoDB, JavaScript, NodeJS, HTML, Python. Bash Scripting, Ant, Aspectj, Spring, JUnit, Rspec, and Mockito testing
- Understanding and involvement in the SCRUM framework

### Experience

#### Programming Projects

##### MOIP

##### Leidos-BioMedical

- Implemented VCF parser using a factory pattern in Rails
- Designed own logic creator for business rules of project
- Helped implement Rspec tests for MVC framework

##### MATCH

##### Leidos-BioMedical

- Refactored code to implement appropriate design patterns
- Designed Rule Engine interface for project

##### RSCS/LTCS

##### Leidos

- Optimized creation and passing of JSDL message from front-end to middle-ware
- Facilitated new Eclipse RCP build using Ant
- Implemented video and controller feed for surrogate boat

##### Lasi

##### SAIC

- Designed software to automatically create LDIF files from MySQL database
- Helped build deploy script using Ant
- Implemented cache and logging functionality using Aspectj

#### Leidos Bio Medical

*Programmer Analyst*, Rockville, MD

August 2014 – Present

- Designed and implemented front-end, middle-ware, and backend software
- Helped implement AWS microservices design pattern for project
- Designed and implemented project-specific integrated test frameworks

#### Leidos

*Software App. Engineer I*, Arlington, VA

September 2013 – August 2014

- Implemented 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
- Acted as System Administrator for Research and Design network
- Designed and implemented expanding network

### Education

**Towson University**, B.S. Computer Science