Sam Williams
Software Engineer – Full Stack Developer

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DETAILS:

Clearance: Able to obtain	*Willing to travel:* 50%	*Level:* Consultant
Residence: College Park, MD	*Willing to relocate:* No	*Last update:* 03/2017

EDUCATION:

Bachelor's of Science	University of Maryland	Computer Science	In Progress
Bachelor's of Science	Salisbury University	Engineering Physics	05/2015

EMPLOYMENT HISTORY:

Booz Allen Hamilton	Washington, DC	01/2017 – Current	Software Engineer
Wabtec Railway Electronics	Germantown, MD	12/2015 – 02/2016	Software Engineering Intern
Wabtec Railway Electronics	Germantown, MD	05/2013 – 08/2013	Manufacturing Engineering Intern

KEY SKILL AREAS:

- Java
- Ruby
- Python
- C
- JavaScript
- HTML/CSS
- SQL
- Bootstrap
- Maven
- Eclipse
- Apache Nifi
- FHIR

EXPERIENCE SUMMARY:

During my first undergraduate program, I spent 4 years being part of, and leader of, multiple engineering project teams; each successful in exceeding project requirements. I then spent 4 semesters in UMD's computer science program where the coursework focused on core CS topics like object-oriented design, Imperative, functional, and logical programming, and algorithms and their complexity. During this time I gained a proficiency in Java (2 years) and experience in other languages listed above.

EXPERIENCES:

Booz Allen Hamilton 01/2017 – Current

Software Engineer – Full Stack Developer

Contributed towards an internal investment project creating an HTTP web service using a custom Apache Nifi processor. Processor was built using a Maven install. Web service served up FHIR (Fast Healthcare Interoperability Resources)-compliant JSON from server containing raw electronic health records upon request.

Wabtec Railway Electronics 12/2015 – 02/2016

Software Engineering Intern

Conducted an investigation on faulty train data recorder. Automated job using a Python script which would parse through millions of lines of train-state snapshots in search of anomalous data. Analysis was successful in identifying root cause of the recorders fault.

Wabtec Railway Electronics 12/2015 – 02/2016

Manufacturing Engineering Intern

Participated in a Kaizen work flow analysis in order to harden and quantify process to be replicated in a different location. Required modeling of custom tools in AutoCAD.