

ALYSSA M. HESTER

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PROFESSIONAL EXPERIENCE

BOOZ ALLEN HAMILTON

Staff Software Engineer

Alexandria, VA

August 2016 – Present

- Acting ScrumMaster and developer for 9 person team
- Developed cloud applications in Java and deployed them using Docker and Mesosphere DC/OS
- Created Web application using MEAN stack and Leaflet.js
- Worked closely with government clients and product owners to define technical requirements
- Defined long term technical road maps with lead architects
- Led demos and coordinated meetings with government clients

COUNTERPOINT CONSULTING

BPM Application Developer

Vienna, VA

August 2014 – Present

- Developed business processes to aid DHS in reviewing, classifying, and evaluating the quantity and security of chemicals possessed by over 40,000 chemical facilities across the U.S. using Appian 7.6 BPM platform
- Built additional application functionality such as a facility search box tool and document generation using JavaScript, Java, and SQL
- Developed custom banner for the client and added it to the application using CSS and HTML
- Communicated with client to provide technical support and maintenance for the application
- Wrote documentation for application as well as documentation for proprietary internal projects
- Developed OpenText RFxCenter as part of a team using Spring MVC framework
- Assisted with the acquisition of new clients as a pre-sales engineer by writing and editing RFP responses

LEONARD DAVIS INSTITUTE OF HEALTH ECONOMICS AT UPENN

Research Assistant

Philadelphia, PA

May 2014-August 2014

- Developed a financial model for a proposed Orthopaedic Center to be built in Moshi, Tanzania
- Acquired, cleaned, and analyzed nursing facility data using STATA to understand long term care insurance lapsation patterns
- Presented two final research projects to 30 Leonard Davis Institute members, faculty, and students

SKILLS & INTERESTS

Computer Skills: Proficient in Java, JavaScript, jQuery, SQL, HTML, Docker, DC/OS, CSS, Git

Languages: Proficient in German

Interests: Soccer (Borussia Dortmund), video games, guitar, travel

Other Information: Certified ScrumMaster (CSM)

EDUCATION

UNIVERSITY OF VIRGINIA, SCHOOL OF ENGINEERING AND APPLIED SCIENCES

Bachelor's of Science in Biomedical Engineering, Engineering Business Minor

Rodman Scholar – awarded to students in the top 5% of their engineering class

Charlottesville, VA

May 2014

Fall 2010