

Jim Brighter

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Experience

SOFTWARE ENGINEERING CONTRACTOR | REVATURE INC | 2015 - PRESENT

- Java EE and AngularJS web app development at Department of Homeland Security – United States Citizenship and Immigration Services
- Actively develop and test features on the Electronic Immigration Service (ELIS) site using Java, Hibernate, Spring Container (dependency injection, AOP, and MVC), AngularJS, Oracle SQL, and JUnit test framework
- Design and development on the newest microservices features using Spring Boot with Hibernate and PostgreSQL, built and deployed with Gradle and Docker/Docker Compose
- Continuous Integration pipeline development for microservices using Jenkins

SETUP ASSISTANT | UNIVERSITY OF PENNSYLVANIA DESKTOP COMPUTING SERVICES | 2014 - 2015

- Setup Windows and Mac computers
- Hardware diagnostics and operations on desktop and laptop computers

IT ASSISTANT | UNIVERSITY OF PENNSYLVANIA POSITIVE PSYCHOLOGY CENTER | 2013 - 2015

- Assist the IT department with updating the Center's website
- Maintain databases of equipment

Education

BACHELOR OF ARTS | 2015 | UNIVERSITY OF PENNSYLVANIA

- Major: Psychology and Computer Science
- Related coursework: Object Oriented and Functional Programming, Operating Systems, Artificial Intelligence, Algorithms and Data Structures, Statistics

Other Projects

PHOTODUMP.XYZ | 2015 – PRESENT

- An image dump website that allows posting and retrieving of images. Uses AngularJS for the frontend and Java Spring Boot for the backend, with Hibernate to manage storage in a PostgreSQL database. Hosted on an AWS EC2 instance.

ICARE | 2015

- Mock issue tracking system at Revature that automates escalation and resolution of issues. Developed with Java and Spring, with an AngularJS frontend that uses REST and SOAP APIs.

BRICKBLASTER 6000 | 2015

- iOS game that pits the player against an asteroid bombardment in space. Made with Cocos2D and Objective C.

Skills and Experience

PROGRAMMING

- Java, JavaScript, jQuery, AngularJS, HTML, CSS, Python, C/C++. Some familiarity with iOS, Android, and Ruby on Rails development

TOOLS

- Git, Eclipse, Bash, Batch, Gradle, Docker/Docker Compose, Emacs, Jenkins (including Groovy and Bash scripts), Xcode, Android Studio

OTHER

- Test-driven development, agile methodologies, service-oriented and microservice architectures, RESTful APIs