Alexander Robert Bickham

(818) 835-5825 | alexander.bickham.885@gmail.com
https://github.com/donutBytes
https://www.linkedin.com/in/alexbickham/

Education

California State University, Northridge **| Bachelor of Science - Computer Science**
- Expected Graduation Date: May 2018

Professional Experience

META+LAB **| Back-End Web Developer & Scrum Master**   *August 2016 – Present*

- Worked within interdisciplinary teams on applications of varying size and complexity
- Led regular Agile Scrum ceremonies as part of weekly development cycle to assign and refine tasks
- Met with clients and stakeholders for gathering needs and requirements and for regular application demos
- Mentored incoming student developers to utilize established coding and testing conventions
- Coordinated with Product Owner to translate product requirements into development tasks
- Leveraged automated integration and unit testing and version control as part of development process
- Integrated RESTful APIs to retrieve from and submit to previously-established institutional databases
- Planned, designed, and implemented local databases for use within specific applications

Projects

Learn & Earn

- Extracted actionable insights from a large volume of data to create a database for a site aimed to reduce student dropout rates for the CSU Chancellor's Office
- Used full Software Design Life Cycle on successive occasions, including pre-development database design for data collected over a 10-year period by the CSU system

Internal Management System (IMS)
- Developed an event-driven single-page web application to keep track of all business transactions and records for the Official Police Garages of Los Angeles
- Addressed bugs and errors discovered during team- and client-based user testing throughout development process on multiple features

Ten Letters of Leaders
- Developed a mobile web application to virtualize an existing paper-based system to track goals and measure progress on a week-by-week basis
- Represented development team as the Scrum Master in client meetings to demonstrate development progress, get feedback on design directions, and address outstanding questions from development team

Skills

Languages: PHP, Java, C, C++, C#, Python
Front-End: HTML, CSS(SASS), Javascript, jQuery
Database: MySQL
Frameworks: Laravel, Vue, Express
OS: Windows, Linux, Mac
Process: Agile, Scrum framework, Waterfall
Version Control/Source control: GIT, Github
Design: CRQS, Event Sourcing, Test-Driven Design

Organizations

Society of Hispanic Professional Engineers
August 2016 - Present