
Huang Xue

Undergraduate Student

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Education	University of Maryland, College Park - B.S. Majoring in Computer Science with Minor in Business Analytics - GPA: 3.7/4.0 - Dean's List (Fall 2013 - Current)	Expected Graduation: Spring 2017
Experience	Leidos Software Engineering Intern - Full stack developer for web application that harnesses Amazon Web Service Cloud. - Worked with HTML, Javascript, and CSS with AngularJS and Bootstrap frameworks to create highly modular front end adhering to MVC design pattern. - Developed REST API endpoints for front end communication using Java servlets. Kelly & Associates Insurance Group Software Quality Assurance Intern - Deployed automated web application regression testing using the Selenium testing framework. - Integrated PhantomJS headless webkit into the testing stack to decrease test script runtimes by 50%. - Maintained and updated automated Selenium testing scripts in concordance with web application updates.	2015 2014
Side Projects	CookU Android Application - Designed and developed an Android application with two other students that allows users to search for cooking recipes based on ingredients. - Utilized Food2Fork Recipe REST API to query recipe databases for recipes matching search criteria. - Built with Java, SQLite, and XML. Business Website Website - Designed and deployed a business website for family owned business. - Full stack development using HTML, CSS, and Javascript with Bootstrap and JQuery frameworks. - Hosted on LAMP stack instance on Google Cloud. LoLLookup Java Application - Created Java application that queries a REST web service to display real-time game information of players in League of Legends. - Utilized JSON parsing library to process web service responses. - Worked with Java Swing framework to create the GUI.	2015 2015 2013
Tools & Technologies	Languages: Java, C, Javascript, HTML/XML, CSS, Ruby Frameworks: Android, AngularJS, JQuery, VisJS, NodeJS, PhantomJS, Bootstrap IDEs: Eclipse, Android Studio, Visual Studios Software: Adobe Creative Suite(Photoshop, Dreamweaver, Premiere Pro) Misc. Skills: Unix command line, Computer hardware installation	
Activities	Google CodeU Summer Program - Worked on a series of technical exercises focusing on data structures and algorithms under the guidance of a Google engineer mentor. - Completed Udacity's Developing Android Apps course, and worked with two other participants to design and develop an android application. Maryland Cyber Challenge Cybersecurity Competition - Competed in CyberMaryland Conference 2012 Cybersecurity competition. - Defended a computer network from attackers inside the network. - Finished in second place among all Maryland highschools.	2015 2012