JASON OU

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EDUCATION

University of California, Santa Cruz
Bachelor of Science, Computer Science   Expected graduation: June 2017   **GPA: 3.20**
Information Systems Management, Minor

Relevant Coursework:

Compiler Design	Algorithms and Abstract Data Types	Data Structures
Computer Architecture	Computer Systems and Assembly Language	Data Programming for Visualization (D3.js)
Business Information Systems	Android Programming	Introduction to Database Management Systems

SKILLS

Technical: Android Development, Java, JavaScript, HTML5, CSS3, C, Firebase
Familiar With: C++, Python, Ruby, SQLite, AngularJS, Ruby on Rails, D3
Development Tools: Git, UNIX/LINUX, Command Line, PuTTy, Notepad++, Android Studio, Brackets, Oracle VM, Wamp, Cloud9
Front-End Frameworks: MaterializeCSS, Bootstrap

EXPERIENCE *(Hackathon projects can be found in my GitHub Repo: https://github.com/jasonou/Hackathons)*

Aug.8.2015 – Aug.9.2015
   Piazza Hacks Piazza HQ – Programmer – MEAN Stack
   - Built a MEAN Stack web app for students to create study groups, post class announcements, notes, and connect with one another
Apr.30.2015 – Jun.10.2015
   Education Data Mining Using Alice UC Santa Cruz – Research Assistant
   - Using computer logging data for information research and as a development tool in educational environments
   - Certified by The National Institute of Health Office of Extramural Research for 'Protecting Human Research Participants'
Oct.2.2014 – Oct.5.2014
   Cal Hacks UC Berkeley – Lead Programmer – Ruby on Rails
   - Built a foundation for a service to create personalized greeting cards online and sends a physical copy of the card to the recipient
Jan.9.2015 – Jan.11.2015
   Hack UCSC UC Santa Cruz – Lead Programmer – Android Mobile Development
   - Built a prototype app that serves as a reference for users to establish an agricultural farm in their backyard
Jul.18.2015 – Jul.19.2015
   Angel Hacks Silicon Valley – Lead Programmer – AngularJS
   - Built a web app game for connecting students through competitive studying for the ultimate battle of the wits
Jan.29.2016 – Jan.31.2016
   Hack UCSC UC Santa Cruz – Lead Programmer – Android Mobile Development/Firebase
   - Built an Android application empowering people around the world to connect with one another using emotions

PROJECTS *(Personal projects can be found in my GitHub Repo: https://github.com/jasonou/Personal-Projects)*

GoodBuyList Ruby on Rails – *2015*
   - Social media shopping web app to help connect companies from all over as well as their customers
Recipe-Manager Ruby on Rails – *2015*
   - Web app for used to post/browse through cooking recipes as well as rate them. Utilizes Amazon Web Services for image hosting
Lettergram Ruby on Rails – *2014*
   - Web app used to create personalized greeting cards online and sends a physical copy to the user through mail
Time Tracker Ruby on Rails – *2014*
   - Web app used to keep track of companies, projects, and hours their members have completed
Choose Your Own Adventure Game Java – *2014*
   - Java, text based game made using ADTs
A Thousand Nights in Vegas D3.js – *2015*
   - Web Visualization/Simulation of popular casino games such as Blackjack, Roulette, Craps, and Baccarat
Angular-News AngularJS – *2015*
   - A simple Reddit clone made using AngularJS and Firebase
Weather Forecast AngularJS – *2015*
   - Web application utilizing the openweathermap.org weather API
ARGLA Android/Firebase – *2016*
   - Android application with Firebase backend empowering people around the world to connect with one another using emotions

EXTRA-CURRICULAR

Society of Asian Scientists and Engineers Web Master	**National Society of Black Engineers** Web Master
Association for Computing Machinery member	**UCSC Badminton Club** member