

# Bobby Wang

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## EXPERIENCE

- Airbnb** **2018 - present**  
*Software Engineer (Continuous Integration Infrastructure)* *San Francisco, CA*
- Airbnb** **2017**  
*Software Engineering Intern (Product Security)* *San Francisco, CA*  
Developed automated tools for transitioning to a new encryption scheme on servers  
Created a workflow for easier viewing and management of instance-specific AWS security settings  
Enabled script running without SSH-ing into instances for Airbnb's server management GUI
- DukeEngage Jordan** **2016**  
*Volunteer* *Amman, Jordan*  
Provided technical and administrative support for Madrasati, a Middle Eastern educational nonprofit  
Aided 300+ Syrian beneficiaries at a nearby refugee camp with clothing and A/C units
- Moody's Analytics** **2015**  
*Automation QA Engineering Intern (Enterprise Risk Solutions)* *San Francisco, CA*  
Added interactive jQuery backed graphs to progress dashboards meant for upper management  
Automated testing of Moody's RiskConfidence and Scenario Analyzer software using Python scripts

## PROJECTS

- GameSalad Clone** **2016**  
*Combined gaming platform, physics engine, and drag-and-drop game editing environment*  
Back end written from scratch in Java, front end incorporates JavaFX graphics  
Supports multiple game genres, high scores, saving/resuming games, and multiplayer  
Developed with a team of ten people in multiple Agile sprints  
Created a Heads-Up Display API to provide real-time game state updates
- Queue** **2015**  
*Android application showing real-time user generated wait times for local restaurants*  
Allows users to buy each other's spots in line with Braintree/PayPal integration  
Utilizes Braintree, Google Maps, and Google Places APIs
- Tagged** **2014**  
*Browser-based database system helping homeless shelters keep track of clothing inventories*  
Won HackDuke 2014 Novice Grand Prize  
Integrates with cost-effective barcode scanners

## SKILLS & EDUCATION

- Duke University:** B.S. Computer Science, Cum Laude **2018**
- Languages:** Java, Ruby (+Rails), Bash
- Technologies:** AWS, linux, Chef, Git, Docker