Y. Arin Choi

NYC-based Software Engineer | (832) 638-3306 | yej.arin.choi@gmail.com | linkedin.com/in/yejee-arin-choi

---

TECHNICAL SKILLS:

Proficient: JavaScript, ES6, React, Redux, Express, Node.js, Sequelize, PostgreSQL, Git, Github, HTML5, Bootstrap
Knowledgeable: CSS3, Agile Development, Firebase, Heroku, OAuth, Immutable.js, Material-UI
Familiar: SCSS, jQuery, A-Frame, Socket.io, Mocha, Chai, Jasmine, Ruby, Google NLP, Watson API

PROJECTS:

CollaboWrite | Team Project | https://github.com/CollaboWrite/app | May 2017
Web editor and collaborative tool for literary projects (i.e. thesis/novel) using React and Firebase
- Designed firebase database structures and relevant associations between Users and Projects
- Integrated ability to add collaborators to projects and **collaborative chat** capabilities
- Implemented **split view** and **comparison views** for two different places or versions of text

RISE UP nyc | Independent Project | https://github.com/arinchoi03/rise-nyc | April 2017
Crowd-sourced application to report and view MTA elevator accessibility designed primarily for travelers, the elderly, and people with disabilities using React and Firebase
- Implemented real-time database to update according to **multi-user inputs** of elevator statuses
- Designed React components to render **real-time updates** from Firebase database.
- Received 'Mad Science' Award at Grace Hopper Hackathon

Space Shopper | Team Project | https://github.com/arinchoi03/Space-Shopper | April 2017
E-commerce site to plan and purchase vacations to outer space using Sequelize, Express, React, Redux, PostgreSQL
- Implemented the architecture for the **front-end React layout**
- Implemented **cart checkout function** and Google OAuth sign-in
- Styled general layout of products, navigation, and the checkout page with CSS/HTML/Bootstrap

---

EXPERIENCE:

02/2013 – 02/2017　　*Office of Chief Medical Examiner, Department of Forensic Biology*　　New York City, NY
Criminalist II
- Performed DNA analyses and around 200 DNA interpretations while mentoring two new criminalists
- Consistently completed DNA reports by set deadlines – over 90% completion rate for every 10-day cycle
- Testified as an expert witness on scientific and statistical interpretations 15 times in courts

Criminalist I
- Conducted scientific examinations of crime scene evidence and over 500 analytical tests independently
- Received two Director's Awards by personal in-agency nominations and promoted November 2014

05/2012 – 01/2013　　*Texas Department of Public Safety, Houston Crime Laboratory*　　Houston, TX
Forensic Scientist I – Technical Supervisor
- Calibrated instrumentation on- and off-site and prepared alcohol reference samples
- Monitored and taught at breath alcohol operator schools

EDUCATION:

02/2017 – 05/2017　　*Fullstack Academy of Code, Grace Hopper Academy*　　New York, NY
500+ Hours of Competitive Software Engineering Immersive Program with 8% acceptance

08/2011 – 05/2012　　*University of Illinois at Chicago*　　Chicago, IL
Master of Science classes taken in Forensic Science (26 credits) - GPA 3.66

08/2006 – 12/2010　　*University of Texas at Austin*　　Austin, TX
Bachelor of Science in Biology (Neurobiology) & Bachelor of Arts in Plan II Honors - GPA 3.48