DEOKJAE JEON

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EDUCATION

University of Miami (Coral Gables, FL)
B.S. in Computer Science
Minor in Economics (3.37 GPA)
Jan 2017 - Dec 2018

Relavant Courses:

- Data Structures and Algorithms
- Object-Oriented Java
- Database System

University of California, San Diego

B.S. in Mechanical Engineering (3.26 GPA)
Sept 2015 - Nov 2016

SKILLS

Languages:

- C
- JavaScript (ES6)
- HTML/CSS
- MATLAB
- Java
- Python
- SQL

Frameworks/Tools:

- Angular 4
- MongoDB
- Node.js
- jQuery
- Unix/Shell
- SolidWorks CAD
- React.js
- Express.js
- AWS (S3)
- Git
- Unity

AWARDS/CERTIFICATIONS

President's Scholarsip

Scholarship awarded for two academic years at University of Miami

Python for Data Science and Machine Learning Bootcamp

Certified by Udemy. +60 hours training NumPy, Pandas, Seaborn, Matplotlib, Plotly, Scikit-Learn, Tensorflow.
Jan 2018 - Fab 2018

PROJECTS

- **Deokj.com**
  React.js, Firebase | Nov 2017
  - Portfolio that list all personal projects.

- **CopWatch**, ShellHacks at FIU
  ReactNative, Angular | Sep 2017
  - Project built to raise public awareness of police brutality.

- **Mad Alarm**, Face Detecting Alarm Clock
  MEAN Stack, Angular Material, App REST, Google Vision API, AWS S3, Youtube Data API | Aug 2017
  - Hybrid of alarm clock and social media.
  - Users can set up their alarm or timer.
  - User must make facial expression as instructed by the app in order to turn off the alarm.
  - Share photos captured at completion as part of social media.

- **TinGrindr**, Dating App
  Node.js, MongoDB, Express.js, Heroku | July 2017
  - Dating web application that is inclusive of gender diversity.
  - The app aims to allow users enjoy online dating without experiencing gender prejudices that are common in Tinder, Grindr and other dating application.

- **Destroy the Toilet**, JavaScript Projectile game
  HTML5/CSS, SASS, jQuery | Jun 2017
  - Hardcoded physics logic that dynamically changes as weights of object, initial power, angle, initial position and random wind values are applied.

EXPERIENCE

- **Mechanical Engineering Intern**
  Otherlab | San Francisco | May - July 2016
  - Aided senior engineers with gathering informations and ideas in order to design a compact disability friendly automobile for a project given by Toyota Motor.
  - designed and engineered auxiliary parts such as mechanical joints and motor mounts using SolidWorks CAD.
  - Fabricated and assembled a mobile prototype using waterjet-cutter, lasercamm and other mechanical tools.