

Donghyeon Lee

Software Engineer

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EXPERIENCE

Software Engineer Intern — *SEVENROOMS*, New York

January 2020 - Present

- Created a cron job that identifies and detects when a client's POS integration has failed and alerts the company teams through a Slack channel (Python)
- Built new React components on the web that redirects the user to a correct page based on current time and its time zone and create corresponding unit tests (React.js, Redux.js)

Software Engineer Intern — *InHouse Produce*, Los Angeles

September 2019 - December 2019

- Implemented a remote monitoring system using Raspberry Pi to capture images and to upload them to AWS S3 server (Python)
- Created an API that updates a JSON file upon receiving a POST request and uploads the updated file to AWS S3 (Node.js, Express.js)
- Collaboratively designed a CI/CD system using BalenaCloud and Docker to remotely deploy code to distributed RPi devices

Academic Student Employee — *UC Berkeley*, Berkeley

August 2017 - December 2017

- Guided students towards the right direction and confirmed their knowledge in fundamentals of electric circuits during labs and discussions
- Conducted and tested each lab assignment to detect any flaws in design for students to follow through the given instructions without difficulty
- Collaboratively formulated the rubric for each week's assignment with other student employees for fair and efficient grading

EDUCATION

University of California, Berkeley

Electrical Engineering and Computer Science B.S.

August 2016 - December 2019

GPA: 3.336

Relevant Courseworks: *Data Structures, Algorithms, Computer Architecture, Internet and Protocols, Database, Data Science, Artificial Intelligence, Security*

PROJECTS

Mini Database Management System — *Java*

Collaboratively designed and implemented a mini relational database management system (DBMS) along with a domain specific language (DSL) that allows interaction with the created database. The DSL supports all the core functionalities of SQL including joins and additionally stores the database by extracting it into a .tbl format

PROFILE

Recent college grad with passion for computers and coding, seeking for a full-time position to grow alongside brilliant and innovative minds. Experienced in both front and backend technologies and quick to adapt to any new language or technologies.

COMPUTER SKILLS

Languages:

Java, Python, C/C++, SQL, HTML/CSS, Javascript (Node.js, React.js, Redux.js, Express.js)

Technologies:

Unix/Linux, Git, Docker, Google Closure, Google App Engine, Windows OS, Mac OS, Raspberry Pi, MS Office, Latex

LANGUAGES

English (fluent)

Korean (fluent)

LINKS

LinkedIn:

[linkedin.com/in/don-lee-58a360103/](https://www.linkedin.com/in/don-lee-58a360103/)

Github:

github.com/donnyhyun