

Muntadher Inaya

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EDUCATION

University of California, Berkeley

Major: Electrical Engineering and Computer Science

Expected Graduation Date: December 2018

Grossmont College

Spring 2014 – Spring 2016

Major: Computer Science

COMPUTER SCIENCE COURSES

- The Structure and interpretation of Computer Programs (CS61A)
- Data Structures (CS61B)
- Computer Architecture (CS61C)
- Software Engineering (CS169)
- Discrete Mathematics and Probability Theory (CS70)
- Efficient Algorithms and Intractable Problems (CS170)

PROJECTS

REST API (Python)

Summer 2017 - present

- Implemented a web server API using Django REST Framework for authentication and CRUD
- The API enabled clients to register users, obtain permission tokens, post and comment.
- Hooked the API to AWS PostgreSQL for migrations and data storage.

Data Base (Java)

Spring 2016

- Built a relational data base management System and a Domain Specific Language.
- User can interact with the data using queries. Very similar to the SQL language.
- Coded 2,500 lines in java to make the data base easy to read, memory efficient, and fast.

User Interface for UCSF research (Matlab)

Fall 2016 - present

Programmed keyboard user interface using Matlab for brain stroke patients.

Scheme interpreter (Python)

Fall 2016

Using functional programming and object oriented programming to build a Scheme interpreter.

WORK EXPERIENCE/ VOLUNTEER

- *Co-founder – Coloret* Summer 2017
Co-founded a startup with a team of CS students. Participated in enrolling the startup in SkyDeck (startup accelerator). Worked in the team as a backend developer.
- *Software Developer – UCSF Brain Research* Fall 2016 - Present
Developing a user interface for brain stroke patients at UCSF. 4 hrs. /week.
- *Academic Intern –EECS Department, UC Berkeley* Summer 2017 - Present
Assisting students in lab sessions and tutoring in office hours. 6 hrs./week.
- *Lab Assistant – Physics Labs of Cuyamaca College* Fall 2015
Assembling and preparing laboratory materials before scheduled lab sections. 5 hrs./week.

SKILLS

- Languages: Python(Strong), Java(Strong), SQL(Strong), Ruby(Strong), C(familiar), MATLAB(familiar), Scheme(familiar), HTML(Strong), CSS(Strong)
- Software & frameworks: Django, Django-Rest-framework, Rails, PyCharm, IntelliJ, Cloud9, Heroku, Git, AWS(S3, RDS, Elastic Bean, EC2).

CERTIFICATES / HONORS

Certificate in Entrepreneurship & Technology

Fall 2017

Phi Theta Kabba Member (Honors Society)

Fall 2015 – Summer 2016