

# Olivia Ea

## Software Engineer

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### Technology

- **Languages:** Python, Javascript (AJAX, JSON), HTML, CSS, SQL.
- **Frameworks/Libraries:** Flask, jQuery, Bootstrap, Jinja2, Unit Testing.
- **Database/Industry Tools:** PostgreSQL, SQLite, SQLAlchemy, Git/Github.
- **OS:** Linux, MacOS.

### Projects

- **SongMuse** (Python): Unique playlist generator made from a user's keyword input.
  - Technologies: Flask, SQLAlchemy, PostgreSQL, Jinja2, Bootstrap, JavaScript (jQuery, AJAX, JSON), HTML, CSS, OAuth, Spotify API.
- **Slashed** (Python): Deployed web application that provided a discounted textile marketplace for people in need.
  - Technologies: Flask, SQLAlchemy, SQLite, Jinja2, Bootstrap, JavaScript, HTML, CSS, Digital Ocean.
- **GitFit** (Java): Fitness app that assessed BMI based off height/weight and tracked calories burned over time. Used data visualization to display user's progress.
- **Java Meets Bagel** (Java): Matchmaking app that utilized algorithm to assess compatibility between users.

### Apple

#### Technical Expert, Genius Bar | Palo Alto, CA | 7/2017 - 2/2019

- Thorough knowledge of Apple device hardware/software to accurately troubleshoot and provide solutions to fit customer's needs. Averaged 22 appointments per day.
- Educated customers about affected device to optimize user experience and device performance.
- Utilized internal Apple applications Concierge and MobileGenius to reserve and bookkeep appointments as well as run various diagnostics and allocate service parts.

### Silver Creek Fitness and Physical Therapy

#### Physical Therapist Aide | Newark, CA | 9/2015 - 9/2016

- Collaborated with team of physical therapists in an out-patient facility for lower dependency patients.
- Analyzed patient charts to demonstrate proper exercise technique and use of equipment to conduct treatment regimes.

### St. Edna Sub-Acute and Rehabilitation Center

#### Physical Therapist Intern | Irvine, CA | 4/2015 - 6/2015

- Assisted a team of two physical therapists, two occupational therapists, a speech therapist and nurses in an in-patient rehabilitation setting catered to high dependency post-surgery patients.
- Contributed to developing patient progress evaluations and independently administered treatment modalities.

### Hackbright Academy

#### Software Engineering | 1/2019 - 3/2019

Full-stack immersive software engineering program. Concepts covered: data structures, restful APIs, relational databases, data modeling, object orientation, web development (full stack) and Javascript.

### Mission College

#### Computer Science | 9/2016 - 6/2018

Coursework includes: Software Development with Java, Intro to Data Structures using Java, C++ Programming, Intro to Python, Discrete Mathematics, Linear Algebra, Differential Equations.

### University of California, Irvine

#### B.A. Psychology | 9/2013 - 6/2015

Coursework includes: Organizational/Industrial Psychology, Perception/Sensory Processes, Brain Disorders and Behavior, Graphical Presentation of Data, Statistics and Computer-Based Research in Social Science.