Joshua Cameron Tavassolikhah

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EDUCATION

University of California Irvine	**Graduation**: June 2020
Bachelor of Science: Computer Science	Dean's Honors List: 8 Quarters

SKILLS

Languages	•	Python, Java, C/C++, MySQL, HTML, CSS, JavaScript, Swift
Technologies	•	Git/BitBucket, Django, Spring Boot, Postman, Openshift, AWS API Gateway/Lambda/S3, Unix/Bash Shell, JIRA, Trello, Visual Studio Code, Xcode, Parse (NoSQL DB)
Other	•	Model-View-Controller, Agile Methodologies, Relational ER Modeling, Microservices

EXPERIENCE

Experian   *June 2019 – July 2020*
Software Development Intern
- **Built** a Django web app to enhance internal performance for 50+ stakeholders.
- **Implemented** REST APIs to transfer data to and from the app using AWS API Gateway, S3, and Lambda.
- **Integrated** user authentication using Experian's OKTA OpenID connection with Java Spring Boot.
- **Wrote** high-level and technical documentation to improve the internal web development process.
- **Gained** experience with the Agile Scrum Methodology by **actively participating** in daily stand-ups and Sprint demos.

UC Irvine Office of Information Technology   *Mar. 2018 – June 2019*
IT Help Desk Consultant, Student Developer
- **Identified** and **resolved** technical problems for students and staff through phone calls and walk-in appointments.
- **Collaborated** with a team of 4 to develop a web application that optimizes daily Help Desk tasks using Django.
- **Wrote** test cases using Python's unittest, Hiptest, and Postman to maintain a robust code structure.

UC Irvine Donald Bren School of Information and Computer Sciences   *Jan. 2018 – Mar. 2019*
Computer Science Lab Tutor – Python Programming, C++ Programming and Data Structures
- **Taught** and **led** students in topics such as OOP, linked lists, binary search trees, and hash maps.
- **Improved** course grades and programming knowledge for 10+ students per shift.

PROJECTS

FabFlix   *April 2019 – June 2019*
Web Applications Project Course at UC Irvine – an application which supports browsing, searching, and purchasing of movies.
- Structured the backend into separate parts – such as Users, Movies, and Billing, by using the **Microservice** technique.
- Managed user and movie data using MySQL, handled purchases with **PayPal API**, and tested endpoints with **Postman**.
- **Languages/Technologies:** Java, JavaScript, AJAX, HTML, CSS, MySQL, Jersey, Grizzly, Jackson

SendFuuds   *Mar. 2019 – Mar. 2019*
An iOS social media application, built with a team of 3, where users can share their soon-to-expire food with friends.
- Recognized for creating the **Best Social Awareness Application** at the UC Irvine CodePath Demo Day.
- Implemented a **Model-View-Controller** architectural design.
- Integrated **Parse API** to develop **User Authentication** and **iOS Notifications** to ensure security and awareness.
- **Languages/Technologies:** Xcode, Swift

Food Sentiment Analysis   *Feb. 2019 – Mar. 2019*
A web application, built with a team of 2, that tells users what people are feeling about food items on Yelp.
- Recognized for creating the **Best Data Analysis Web Application** during a business proposal presentation.
- Parsed business reviews using **Yelp Fusion API** and used Textblob for text processing and **sentiment analysis**.
- **Languages/Technologies:** Python, Flask, HTML, CSS Bootstrap

Is Your Car Safe?   *Feb. 2019 – Feb. 2019*
A web application, built with a team of 4, that allows San Francisco drivers to know whether their parking spot is safe.
- Collaborated with a team of 4 at **HackUCI 2019** to create a **functioning web application in 3 days.**
- Integrated Google Maps API and the 2018 SFGov Vehicle Incident Dataset to display vehicle incidents to users.
- **Languages/Technologies:** Python, Flask, JavaScript, AJAX, HTML, CSS Bootstrap