

<p style="text-align: center;">Tarek El-Hajjaoui ph: (760)-668-8677 • tarekel96@gmail.com 5737 Alvarado Pl. Rancho Cucamonga, CA 91739 LinkedIn • GitHub • Portfolio Site</p>	
Technical Skills: <p>Data Structures & Algorithms, Git, Languages (Python, JavaScript, C/C++, Java), Databases (SQL - MySQL, MS SQL, SQLite3; MongoDB), REST API, GraphQL, Data Science/ML (scikit-learn, Keras, TensorFlow), Backend Development (Django, Node), Frontend Development (Vanilla JS, Redux, React, SCSS, Bootstrap), Desktop Development (Electron.js, JavaFX), CI/CD (Jenkins, GitHub Actions), CM (Docker, Nginx), Auth (JWT)</p>	
Technical Certifications: Node.js/Express.js, JavaScript/jQuery, React.js, HTML/CSS, SQL/NoSQL Databases	
Education	
University Of California Irvine <i>M.S. Master's in Data Science</i>	Irvine, CA Oct - Jan 2022-2023
Chapman University <i>B.S. - Bachelor's in Software Engineering</i> , Overall GPA: 3.632, Major GPA: 3.793	Orange, CA Sep 2019 – May 2022
University Of California Irvine Division of Continuing Education <i>5 Coding Certifications (refer to above section)</i> • An intensive 24-week long boot camp dedicated to designing and building web applications.	Irvine, CA Aug - Oct 2018
University of San Diego <i>B.B.A. – Bachelor's in Business Administration</i> , Overall GPA: 3.56, Major GPA: 3.97 <i>Awards: Academic Excellence in Business Administration</i>	San Diego, CA Sep 2014 – May 2018
Work Experiences	
humanID <i>Technical Lead – CTO</i> <ul style="list-style-type: none"> Collaborated with the CEO and CPO to completely transform the structure and workflow of the intern Tech team at humanID. Changes include implementing daily standups, code requirements, testing requirements, code reviews, style guides, KPI metrics, and more. Projects undertook: Docker container for Django & MySQL that unified the dev environment across developers, a CI/CD Pipeline with GitHub Actions that automated testing and deploying to the staging site, Style Guide Documentation to enforce consistent styling/naming conventions and serve as a guide for future developers, GitBook for internal and external company documentations, and new admin features to the developer console such as allowing users to generate multiple credentials for a registered application. 	Cambridge, MA (Remote) May - Sept 2021
humanID <i>Software Developer Intern</i> <ul style="list-style-type: none"> I helped develop the Developer Console web application for humanID, a non-profit startup offering an anonymous Single-Sign-On (SSO) platform using a microservices system with the Django Framework, MySQL, Docker, AWS, JavaScript, HTML/CSS, and more. Implemented admin features that allow users to invite other users as contributors and customize the contributor access. Refactored the UI/UX App Registration process on the Developer Console using Bootstrap components and custom CSS. 	Cambridge, MA (Remote) Jan - May 2021
Pacific Life Insurance <i>Web Developer Intern</i> <ul style="list-style-type: none"> Worked on developing an internal blog for the HatchLabs division of Pacific Life. Built various UI components using React.js and would query data from Contentful CMS using GraphQL. Deployed my code to Azure and UI components to Bit.dev. Implemented a Zapier Webhook to operate as an SMTP service for the HatchLabs blog. Helped maintain style guides and documentation using Style Dictionary and ZeroHeight. 	Newport Beach, CA Jan – Sept 2020
Forkaia <i>Startup Software Engineer Intern</i> <ul style="list-style-type: none"> Kickstarted the development of a brand-new educational platform, A Connect, using the MERN stack. I developed the user authentication backend with Node.js, MongoDB, and JWTs. Connected the backend to React.js frontend via data fetching, state management, and storing the token in local session. Upon logging in, the user is awarded the token to be able to access their protective routes. 	Irvine, CA June – Dec 2019
Applications Built - For more projects/deployed web apps please see my Live Portfolio .	
<u>Python/MySQL Magazine App</u> Developed a Python app that connects to a MySQL DB (hosted on GCP) and then populates the database with records from a csv file (data was synthetically generated via Python). The app has 2 types of users: clients and admin, which can interact with the database in different ways. The design of the DB and ER Model was done from scratch and included in the repository. <ul style="list-style-type: none"> Technologies used: Python, MySQL, MySQL Workbench, LucidChart (ER Model), Python Synthetic data generator libraries and custom solutions. GitHub: https://github.com/tarekel96/Python_SQL_MagazineApp 	
<u>RSNA-MICCAI Brain Tumor Radiogenomic Classification</u> Built ANNs (CNN, ResNet50) that can detect and classify presence of MGMT (genetic biomarker important for chemotherapy treatment), utilizing multi-parametric magnetic resonance imaging (mpMRI) scans from a Kaggle competition dataset. Augmented the dataset of MRI scans with a Conditional GAN Model. <ul style="list-style-type: none"> Technologies used: Python, TensorFlow, Keras (Sequential Model), Transfer Learning (ResNet50), CNN, cGAN, CV2, Scikit-Learn, Pandas, NumPy GitHub: Upcoming – work is currently on Google Colab. 	