

# Randall Le

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## EDUCATION

<b>B.S. Mathematics/Economics</b>	<b>University of Southern California</b>	<b>May 2022</b>
<ul style="list-style-type: none"><li>• <b>Minors:</b> Computer Programming Minor, Applied Analytics Specialization. <b>GPA:</b> 3.94/4.00</li><li>• <b>Courses:</b> Object-Oriented Programming, Data Analytics, Data Structures &amp; Algorithms, Full-Stack Web Development, iOS App Development, Applications of Machine Learning</li></ul>		

## SKILLS

Python | C++ | Java | Swift | JavaScript | PHP | SQL | NoSQL | HTML | CSS | React.js | Node.js | RESTful APIs | Git | Postman | Tableau | Jupyter Notebook | Atlassian Jira | Agile Development | Sprint Planning | Wireframes | Information Architecture | Model-View-Controller (MVC) | Object-Oriented Programming (OOP) | WordPress

## PROFESSIONAL EXPERIENCE

<b>Software Development Intern</b>	<b>Tempus Technologies (PNC Bank)</b>	<b>June 2022 – Present</b>
<ul style="list-style-type: none"><li>• Engineered a workflow testing enhancement solution to programmatically convert Postman collections with 100+ requests to OpenAPI specifications by leveraging a Git hook in Node.js</li><li>• Programmed a microservice tool to move journal events describing financial transactions into Elasticsearch database</li></ul>		

<b>Teaching Assistant</b>	<b>USC Viterbi School of Engineering</b>	<b>August 2019 – May 2022</b>
<ul style="list-style-type: none"><li>• Supervised Python lab sections, debug, and review student projects for a course of 70 students</li><li>• Led discussions on foundations of object-oriented programming, data structures, and algorithms</li></ul>		

<b>Intern</b>	<b>Capital Insurance Group</b>	<b>June 2021 – August 2021</b>
<ul style="list-style-type: none"><li>• Developed Python script using Pandas and NumPy to retrieve policy data from SQL to price thousands of policies, which reduced the total runtime of a farmowners insurance pricing tool by 40%</li><li>• Refactored and improved Python scripts for homeowners insurance application to incorporate coverage rating features and fine-tuning mechanisms</li><li>• Built Tableau dashboard from SQL and Excel data to present a competitive analysis on homeowners rating factors</li></ul>		

<b>Intern</b>	<b>Milliman</b>	<b>January 2021 – June 2021</b>
<ul style="list-style-type: none"><li>• Updated the exception tier handling logic and wrote unit tests for Python codebase to maintain compliance with current healthcare regulations, saving consumers up to 90% of prescription costs</li><li>• Developed a dynamic pricing model using Python and Excel to conduct a cost-savings analysis, which resulted in a 23% savings in total expenditure</li><li>• Supported an agile team of six developers and two-week sprints using Git and Jira</li></ul>		

## PROJECTS

<b>Reddit Mission Control</b> – <i>HTML, CSS, JavaScript, PHP, SQL, Bootstrap, Postman</i>
<ul style="list-style-type: none"><li>• A tool with CRUD (create, read, update, &amp; delete) functionalities to manage, categorize, and view details about user's saved posts using the Reddit API to populate a SQL database upon Basic Auth authentication</li><li>• Developed wireframes and basic mockups to be responsive on desktop, tablets, and mobile devices</li><li>• Created user stories and user journeys to map out application functionality</li><li>• Save or unsave a post, search by title, filter by subreddit, add or update a tag, optimized for mobile users</li></ul>

<b>Weather.info</b> – <i>Swift, UIKit</i>
<ul style="list-style-type: none"><li>• An iOS app made with Swift and UIKit that displays the weather and image according to the user's current location</li><li>• Features local data persistence and internationalization to support both English and Spanish</li><li>• Retrieves weather information via OpenWeather API and integrates images from Unsplash API</li></ul>

<b>Spotify-Genius Lyric Search Tool</b> – <i>Python</i>
<ul style="list-style-type: none"><li>• A search engine for users to search through the lyrics of the songs in their library using the Spotify and Genius API</li><li>• Developing a feature to give users the ability to tag songs with one or more key terms</li></ul>