

# Patricia Ong

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## SKILLS

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**Programming Languages:** Python, SQL, Swift, JavaScript, HTML/CSS, MIPS, C++

**Tools and Frameworks:** VS Code, XCode, Git, GitHub, PEGA Systems, MongoDB, MariaDB, SwiftUI, Node.js, React.js

**Operating Systems:** Windows, macOS, Linux

**Other relevant skills:** Agile Methodologies, Broadcom Rally, Visual Paradigm, Figma, MS Office

## WORK EXPERIENCE

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### Farmers Insurance Group

**June 2021 – August 2021**

*IT-Agile Development Intern (Remote)*

*Woodland Hills, CA*

- Developed & tested components using PEGA Systems.
- Executed over 20 error-producing tests and scenarios to evaluate component implementations that enabled verification of accuracy and dependability, ultimately ensuring successful delivery.
- Identified and resolved defects while executing the component with a mentor, ensuring accuracy, quality, and successful completion of product demonstration.
- Collaborated with customers to develop a working test demo, incorporating requested features & delivering within a 3-week timeline.
- **Project:**
  - **Effective Date Change Enhancement:** Developed components to help agents resume the policy conversion process on the Workers Compensation Policy Form with an effective date change improvement, resulting in an accurate data entry, decreasing processing time, and improved agent experience.

## EDUCATION

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### California State University, Fullerton

**January 2020 - May 2022**

*Bachelor of Science in Computer Sciences*

*Fullerton, CA*

- **Coursework:** Software Architecture, Software Design, Compilers & Languages, Computer Communications, Computer System Architecture, Mobile Development Programming, Web Front-End Engineering, Technical Writing for Computer Science
- **Awards and Scholarships:** Dean's List, STEM Advantage Scholarship, Southern California Edison Scholarship, John Browning Memorial Scholarship
- **Organizations:** STEM Advantage, Women in Computer Science and Engineering (WiCSE), Offensive Security Society (OSS), CSUF Gaming & Esports, Association for Computing Machinery (ACM)
- **Projects:**
  - **Skimgredients App:** Built iOS mobile application using XCode & Swift to enable users to quickly find skincare products via text recognition scanner or manual input. Integrated Skincare API provides users with detailed ingredient information. Leveraged Git and GitHub to store, track & manage code commit efficiently.
  - **BudgetMaster Web App:** Developed a web application using Microsoft Visual Studio Code, JavaScript, HTML & CSS to enable users to easily track their budgets by entering income and expenses. Used React and Material-UI components to construct a user-friendly website with an appealing aesthetic.
  - **University Database:** Developed a web application that connects a MariaDB mock university database with values using SQL statements. Used an ER Diagram and Relational model to get a visual structure of the database. The web application uses HTML Front-End and PHP Back-End.

### Cypress College

**June 2015 - December 2020**

*Liberal Arts AA Degree: Math and Science emphasis*

*Cypress, CA*

- **Awards:** Dean's List
- **Organizations:** STEM<sup>2</sup> Program