

Patricia Ong

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EDUCATION

California State University, Fullerton
Bachelor of Science in Computer Science

January 2020 - May 2022
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:**
 - **Skingredients 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 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.
 - **Compilers and Languages Project:** Developed compiler using Python and Visual Studio Code consisting of a lexical analyzer, syntax analyzer, and a semantic analyzer that takes a fictional language called Rat21F to generate tokens and write out the results to an output file that prints both tokens and lexemes.
 - **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
Liberal Arts AA Degree: Math and Science emphasis

August 2015 - December 2019
Cypress, CA

WORK EXPERIENCE

Farmers Insurance Group
IT-Agile Development Intern (Remote)

June 2021 – August 2021
Woodland Hills, CA

- Developed components using automation software 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.
- Executed over 20 error-producing tests and scenarios to evaluate component implementations, ensuring a successful product demonstration, incorporating requested features, and delivering within the timeframe.
- Shadowed Scrum Master mentor and acquired knowledge in Scaled Agile Framework (SAFe) delivery, servant leadership, self-development & team development techniques, leading to the successful completion of facilitated daily-stand up meetings with 10 Agile developers and intern groups.

SKILLS & INTERESTS

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

Tools and Frameworks: MongoDB, MariaDB, Node.js, React.js, Chart.js, Git, GitHub, Visual Studio Code, Xcode, SwiftUI, RStudio, Pega Systems

Operating Systems: Windows, macOS, Linux

Other relevant skills: Agile Methodology, Broadcom Rally, Visual Paradigm, Figma, MS Office, Affinity Photo

Interests and Hobbies: Photography, Gundam Models, Travelling, Video Games, Cooking