

# Alex Ho

Consistently demonstrating abilities for innovation and creative problem-solving. Adept at motivating self and others. Passionate about machine learning and data science for future technology.

Virginia

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## EXPERIENCE

### RecoveryTrek, Norfolk — Jr. Software Engineer

September 2020 - PRESENT

Design and develop software solutions, under the guidance of RecoveryTrek's Senior Software Engineer. These duties often will involve requirements gathering and analysis; data manipulation, design, and analysis; research, development, and testing; maintenance and support systems and software.

- Assist in maintaining existing mobile applications and development of new features by using the main languages are Swift ([IOS](#)) and Kotlin ([Android](#)).
- Develop software solutions by studying information needs; conferring with users; systems flow, data usage, and work processes; and following the software development lifecycle.
- Document and demonstrate solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments, and clear code.

### Cal State University Fullerton, Fullerton — Android and IOS Developer

August 2019 - August 2020

Project lead of Dump The Dump application for both [android](#) and [ios](#). Collaborating with designers and developers of the Computer Science and Health and Human Development Departments to develop a native mobile application that helps post-pregnant women keep track of their weight to bring them back to pre-pregnancy weight.

- Develop full stack applications using Flutter and Firebase API.
- Create NoSql database structures that integrate with both ios and android.
- Debugging issues to optimize performance, as well as design user interface (UI) to improve user experience (UX).
- Implement both OOP and MVC models to application.

## EDUCATION

### Cal State University Fullerton, Fullerton — Bachelor

August 2018 - May 2020

Dean's List, Graduated Cum Claude, [Degree Verification Link](#)

### Orange Coast College, Costa Mesa — Associate

August 2015 - May 2017

Dean's List

## TECHNICAL SKILLS

**Tools:** CLI, VSCode, Git, MySQL, Jupyter Notebook, Microsoft Office, Oracle, Docker, Github, Atom, Eclipse, MPICH, Heroku, Xcode, Android Studio, SCM.

**Languages:** Dart, C++, C, C#, HTML, XML, CSS, PHP, Python, Java, JSON, SQL, Fortran, Swift, CSS.

**FrameWorks:** Node js, Flutter, Express, React js, Bootstrap, jQuery, .NET.

**Database:** Firebase, Google Cloud, MongoDB, REST API, SQL, NoSQL, AWS.

## SOFT SKILLS

Teamwork, Problem Solving, Communication, Time-management, Empathy, Attention to detail, Patience, Approachability.

## WORK AUTHORIZATION

US Citizen

## CERTIFICATES

C++, [Flutter Development](#), [Web Development](#), [IOS Development](#)