

EXPERIENCE	Facebook, Inc. <i>Software Engineering Intern, Stories Composer</i>	Menlo Park, CA <i>Jun 2020 – Sep 2020</i>
	<ul style="list-style-type: none">• Designed and developed infrastructure to integrate iOS context menus into the iOS Facebook client's media picker, allowing users to display previews and context menus via a long press• Dispatched calls to fetch data, update app caches, and render UIKit UI interfaces with Objective-C and C++, including a favorites indicator for the iOS Facebook client Stories Composer gallery• Built a major new confidential feature for the iOS Facebook client with ComponentKit, an Objective-C++ view framework for iOS inspired by react	
	InTouch Health <i>iOS Developer Intern / Part Time</i> <i>iOS Developer Intern</i>	Santa Barbara, CA <i>Sep 2019 — Dec 2019</i> <i>Jun 2019 — Sep 2019</i>
	<ul style="list-style-type: none">• Implemented a WebRTC signaling system used to communicate between iOS app and medical robots during audio/video sessions• Built an in-call image sharing platform, allowing images to be shared simultaneously to all connected medical robots and remote users• Led design review to manage the impact of integrating Swift into a primarily Objective-C/C++ app ecosystem in order to leverage Swift features such as enums with associated values	
EDUCATION	University of California, Los Angeles <i>B.S. in Computer Science</i>	Los Angeles, CA <i>Sep 2018 — Jun 2022</i>
	Officer at ACM ICPC (International Collegiate Programming Contest) Mentorship Chair at UCLA UPE (Upsilon Pi Epsilon / Computer Science Honor Society) GPA: 3.75	
SKILLS	Languages C/C++, Objective-C, Swift, JavaScript, Python, Bash, OCaml, Prolog, Scheme Technologies Emacs, Git, UIKit, ComponentKit, React, React-Native, Django, \LaTeX CS Coursework Algorithms and Complexity, Operating Systems, Programming Languages, Computer Networks, Distributed Systems, Probabilistic Programming and Relational Learning	
SELECTED PROJECTS	LA Blueprint <i>Project Lead</i> <i>Developer</i>	https://github.com/labblueprint/ptv-mobile-app <i>Jun 2020 — Present</i> <i>Jan 2020 — Jun 2020</i>
	<ul style="list-style-type: none">• React-Native mobile application and JavaScript web console built for a non-profit, Project for Torture Victims• Designed to provide information, resources, and a forum to facilitate communication between staff, asylum seekers, and refugees	
	health.ai <i>Developer</i>	https://github.com/k8iechen/Treehacks2020 <i>Feb 2020</i>
	<ul style="list-style-type: none">• Web and native iOS application that leverages a machine learning algorithm that uses both Natural Language Processing (ANN) and classification (kNN) to recommend patient tests• Winner of Most Energy Efficient/Sustainable Energy Hack at TreeHacks 2020	
	Sincerely, AI <i>Developer</i>	https://github.com/jamqd/SincerelyAI <i>Jan 2019</i>
	<ul style="list-style-type: none">• Deep learning project designed to classify sincere from insincere text with a model trained using transfer learning• Implemented backend API with Django, wrote and trained ML model with Keras and AWS, implemented UX through Chrome and Firefox browser extensions integrated with Twilio API	