

<h1>Nicholas Roberts</h1>	
<p>UC San Diego 2018 (3.9) B.S. Computer Science, Mathematics Minor</p> <p>n3robert@ucsd.edu www.nick1lroberts.me www.linkedin.com/in/nick1lroberts www.github.com/nick1lroberts</p>	<h2>Experience</h2> <p><b>Cofounder @ skqrl.com (Summer 2016 - )</b> ⚡ Went beta after writing image upload, search, edit experience, edit profile, posting, notifications, invite code system, web crawler, and autocomplete in Django ⚡ Brought hundreds of new users to the invite only beta program</p> <p><b>Web Developer @ brainfoodproject.org (Summer 2016 - )</b> ⚡ Launched site after writing full site stack in Go, gohtml, and CSS on Google App Engine ⚡ Taught other developers how to use Google App Engine and Google Domains</p> <p><b>Web Developer @ The Comeback Community (Summer 2016 - )</b> ⚡ Developed site in Go, gohtml, and CSS on Google App Engine ⚡ Helped new developers on the team learn to write a website</p> <p><b>iOS Intern @ Modspot (Spring 2016)</b> ⚡ Implemented new user account, edit profile, and login designs in Objective-C</p> <p><b>Tutor @ FCC Tutorial Center (Spring 2014)</b> ⚡ Helped students understand computer science and math concepts ⚡ Tutored everything from elementary algebra to calculus</p> <p><b>Student Aide @ FCC CIT 65, Android App Development (Spring 2014)</b> ⚡ Helped students debug Android assignments and helped to reinforce Java concepts ⚡ Helped instructor get reliable feedback from students regarding course logistics</p>
<h2>Skills</h2> <p><b>Languages (experienced)</b> Python, Java, C, C++, Go, MySQL, HTML, JavaScript, Jade, Sass, CSS, NodeJS, JQuery</p> <p><b>Languages (competent)</b> Scala, Groovy, SPARC assembly, Matlab, Bash, Objective-C</p> <p><b>Frameworks + Libraries</b> Android, Django, Harp, Google App Engine, Amazon AWS, Flask, NLTK, Bootstrap, iOS</p> <p><b>Other knowledge</b> Linux, object oriented design, agile software development, quantum information theory, quantum computing, neural networks, unsupervised machine learning</p>	<h2>Education</h2> <p><b>UC San Diego 2018 (3.9)</b> Software Engineering (CSE 110), Neural Networks (CSE 190, ip), Advanced Data Structures (CSE 100, ip), Mathematical Reasoning (MATH 109), Quantum Information Theory (MATH 217), Unsupervised Machine Learning (COGS 118B, ip)</p>
<h2>Speaking Events</h2> <p><b>GDG Devfest</b> Presented two lectures on Android development at Google Developer Group Devfest</p> <p><b>GDG Fresno</b> Presented Llama Button Android app at Google Developer Group Fresno meeting</p> <p><b>GDG FCC</b> Presented an intro to quantum computing at Google Developer Group Fresno City College meeting</p>	<h2>Projects</h2> <p><b>Uncertaintyscript</b> i Quantum gate scripting language created at HackTech ⚡ Written in Scala using ScalaNLP Breeze and follows the interpreter design pattern</p> <p><b>nlp-api.org</b> i Dockerized web API for sentiment analysis on JSON formatted data ⚡ Written in Python using NLTK, Flask (API), Redis, and Docker using docker-compose</p> <p><b>Llama Button</b> i Android app that displays llamas at quantum random coordinates from the ANU Quantum Optics Lab in Canberra, AU ⚡ Written in Java on Android using JSON data from ANU Quantum Random Numbers Server</p> <p><b>NoteSRS</b> i Android app parody of autocorrect that crowdsources autocorrections ⚡ Written in Java on Android, Google App Engine, Google Cloud Endpoints, and Datastore</p> <p><b>Jordan Bot</b> i A chat bot that quickly learns your language and sentence structure through conversation ⚡ Written in Java on Google App Engine using JGraphT, Objectify, and Google Cloud Datastore</p>
	<h2>Organizations</h2> <p><b>Founder @ Google Developer Group FCC</b> ⚡ Advocated Fresno's growing tech scene by promoting local tech events and inviting guest lecturers ⚡ Developed and presented code labs for club members</p> <p><b>Treasurer @ FCC Science and Engineering Club</b> ⚡ Introduced members to new science topics by inviting guest lecturers ⚡ Helped organize fundraisers and events</p>