

Nick Pleatsikas

Emeyville, CA 94608 • nick@pleatsikas.me • pleatsikas.me

LANGUAGES	Go, Python, Rust, C/C++
TECHNOLOGIES	Git, Ansible, Chef, Terraform, Firebase, Redis, Docker
EDUCATION	University of California, Riverside , Riverside, California <ul style="list-style-type: none">B.Sc., in Computer Engineering<ul style="list-style-type: none">GPA: 3.80 <i>Expected Jun 2020</i>
WORK EXPERIENCE	Minds.ai , Santa Cruz, CA <ul style="list-style-type: none">Software/Infrastructure Engineer Jan 2016 – Oct 2019<ul style="list-style-type: none">Created software to bridge internal systems and automate infrastructure deployment. See <i>certcommander</i> and <i>zoom-drive-connector</i> below for details on two projects created during my employment.Created data preprocessing pipelines for a large customer project. Ingested data from existing databases and did initial categorization using existing data tags/types for future deep learning stages.Introduced standardized provisioning, configuration management, and IaaS tools like Ansible, Chef, and Terraform into IT processes. Simplified maintenance and resource provisioning for developers and administrators. Minds.ai , Santa Cruz, CA <ul style="list-style-type: none">Intern System Administrator Jun 2015 – Aug 2015<ul style="list-style-type: none">Deployed initial servers used by developers to create DL/ML software. Wrote basic management software and assisted in migrating from AWS to internal infrastructure.Implemented communication tools like Slack that improved overall accessibility for our distributed workforce.
PROJECTS	Opal! : Go, Android, Redis, Firebase <ul style="list-style-type: none">A business-oriented social media app design to help people find better business partners at industry conferences built for my senior design project. I co-authored the service used to match users with each other. This service leverages classic machine learning techniques to generate matches and is built with technologies like Go, Redis, and Firebase. stagelight : Go, Vue, C++, Python <ul style="list-style-type: none">A proof-of-concept full stack application tying in both web and embedded systems technologies. Stagelight connects a large number of low-power, low-cost wearable devices to a web control panel with a fully-featured API. This project was written in Vue, Go, Python, and C++ utilizing technologies like Docker, Platform.io, and packet radio communication. certcommander : Python <ul style="list-style-type: none">A tool that automates the creation and renewal of SSL certificates using the ACME (Let's Encrypt) service using DNS challenges. Designed to be fully fault-tolerant; it can resume its previous state if it is restarted or crashes. Allows the user to define plugins to work with other DNS providers and send notifications to services like Slack. zoom-drive-connector : Python <ul style="list-style-type: none">An automation tool designed to automatically copy recorded meetings from Zoom to Google Drive. This software has been running in production for nearly 18 months.
RELEVANT COURSE WORK	<ul style="list-style-type: none">CS111: Discrete Structures & MathCS141: Intermediate Data Structures and AlgorithmsCS147: GPU ProgrammingCS164: Computer NetworksCS171: Machine Learning and Data MiningCS172: Information Retrieval
AWARDS	<ul style="list-style-type: none">BCOE Dean's List Sep 2016 – Dec 2017, Apr 2018 – Present For achieving a GPA of 3.5 or higher per quarter.