

Neil N. Toledo

(619) 990 - 3034 · nntoledo@berkeley.edu · nnt1054.github.io

EXPERIENCE

Infinite Uptime | Data Science Intern - Summer 2018

- Developed a responsive data visualization and reporting application using the Bokeh Python Library
- Used Docker to deploy the application with a Cloud SQL Proxy to Google Kubernetes
- Created an API that temporarily invokes Google wCompute VM instances to run BigTable Data Transfers using Flask

Undergraduate Lab @ Berkeley - Advanced Technologies Group | Deputy Director of ATG and Senior Software Developer

- ATG is a branch of ULab that develops software and tools for students and clients to accelerate and improve the efficiency of their research
- Assists Director in running ATG and overseeing its organization and operations
- Provides Mentorship and Guidance for designated Project Teams

PERSONAL PROJECTS

[2Day's New Tab Page](#)

Chrome Extension
Spring 2017

Developed and published a Chrome Extension that displays Google Calendar events, custom bookmarks and weather in place of the new tab page.

- Implemented OAuth2.0 login with Google Calendar API and extensive use of Chrome and weather API's
- Responsive Front End UI using HTML, CSS, and Javascript
- Implemented Back End in pure Javascript using Chrome Storage to save user settings and custom wallpapers.
- Currently published in Chrome Web Store

CS162 Project: PintOS

Class Group Project
Fall 2017

Designed and Implemented major parts and features of the Single-Threaded Operating System, PintOS in C.

- Created a Threading System with Priority Scheduling
- Implemented Process Control and File System Syscalls for executing User Programs
- Implemented an Extensible File System with Caching and Subdirectories

EDUCATION

University of California, Berkeley | Berkeley, CA | Aug 2015 – May 2019

Electrical Engineering and Computer Science (EECS)

Relevant Coursework: Operating Systems, Data Structures, Machine Structures, Efficient Algorithms, Computer Security, Intro to Artificial Intelligence, Principles and Techniques of Data Science

SKILLS

Technical: Python, Scheme, Java, C, HTML, Javascript, CSS, Autodesk Maya, SQL, Pandas

Working Knowledge: Ruby on Rails, Node.js, Bootstrap

Current Interests: Game Development, Woodworking, ChromeOS, Linux, PWA

Languages: Fluent in English and Tagalog