

Neil N. Toledo

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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

Other Projects

2Day's Notepad - Notepad Chrome Web App

Peer Queue - An efficient online queue web app for class office hours built with Ruby on Rails

LookingForConcert - Web app built with MeteorJS utilizing Spotify and Ticketmaster API to find and display concerts from user's artists

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

EXPERIENCE

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

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