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

PeerQueue
Web App (Hackathon Project)
Fall 2016

Developed a more efficient online queue system for class office hours using Ruby on Rails.

- Implemented using Ruby on Rails' MVC architecture
- Deployed and tested to Heroku

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)

EXPERIENCE and SKILLS

ULAB Advanced Technologies Group | Senior Software Developer
- Provides Mentorship and Guidance for designated Project Team
- Developing a Service Engine to process and handle ULAB Task Requests

Technical: Python, Scheme, Java, C, HTML, Javascript, CSS, Autodesk Maya, Illustrator
Working Knowledge: SQL, Ruby on Rails, Node.js, Bootstrap, PWA
Languages: Fluent in English and Tagalog