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Willard Bui

LinkedIn
Github

Objective: Inquisitive and energetic computer science specialist skilled in teaching with a strong foundation in math, logic, and program development. Seeking to leverage solid skills in collaboration, communication, and development as a software developer.

EDUCATION

Bachelors of Science, Computer Science, University of Texas at Austin, GPA: 3.01/4.00   **Aug 2020 — May 2024**

- Relevant coursework: Data Structures, Discrete Math, Computer Architecture, Operating Systems.

PROJECTS

Project 1, Responsive Portfolio Website

- Used HTML5 to structure and create a one-page portfolio website.
- Used CSS3 to layout and style a responsive site, combined with visually pleasing elements.
- Used JavaScript to make web-page interactive. Implemented popout menus, cascading skill dropdowns, and timeline segments for education and work. Also designed a scroll button and a light/dark mode toggle.

Project 2, PintOS

- Built the foundations of a simple OS using the Stanford PINTOS codebase in the C programming language.
- Worked in a pair-programming environment and used GitLab to track changes as a team.
- Implemented basic thread functionality, CPU scheduling based on priority, and a memory paging system. Also extended the functionality of the file system and created extent-based allocation.

Project 4, Command-Line Interpreter

- Constructed a command line interpreter using C that could run system calls.
- Learned the basics of concurrency and implemented the ability to fork new processes.
- Designed to be run through an interactive terminal window; functions as an alternative to a shell.

EXPERIENCE

Private Tutor (Part-time)   **Sept 2019 — May 2020**
Self-Employed   Cypress, TX

- Gave hybrid lessons to 10+ students that were interested in developing personal portfolios.
- Taught remotely using HTML, CSS, JS, and other virtual presentation tools.
- Offered supplemental curriculum revolving around Scratch and Java for younger students.

Church Volunteer (Part-time)   **Jun 2015 — Jul 2020**
St. Stephen Catholic Church   Huntsville, TX

- Assisted priests with fulfilling ceremonial church activities and organized structure for devotees.
- Helped prepare food on a by-need basis through Meals on Wheels, served nourishments to those in need.

SKILLS

Skills: Java, C, Python. HTML, CSS, JavaScript, Git, DevOps, Teamwork, Collaboration, and Problem Solving