Weston Norwood

Microsoft LEAP Applicant

I am an aspiring software engineer who is

Technical Skills

Languages
- HTML5
- CSS3
- JavaScript

Libraries & Frameworks
- ReactJS
- Node.js
- Express

Database
- MongoDB

Design
- Figma
- InDesign
- Illustrator

Visualization
- Power BI
- Tableau

Other Tools
- VSCode
- Github
- Postman
- Netlify

Education

Masters of Architecture
University of Washington | 2016

BA Architectural Studies
University of Washington | 2009

Contact Info

| weston.norwood@gmail.com

| www.westonnorwood.dev

| /wheninseattle

| /in/weston-norwood/

Featured Project

Just Lists Spring 2022

- Technologies Used:
- Node.js, Express, MongoDB, ReactJS

Relevant Professional Experience

Project Designer @ Hinge Studio

Seattle, WA | 09/2018 -Current

- Led small teams on projects including residential remodels, veterinary clinics, and the renovation of a church.
- Built custom Python tools for Revit (AutoDesk BIM application)
- Built a utility to help gather imagery using Python and
- Created a Microsoft Power BI company dashboard, which aggregates data from multiple API endpoints and enables analysis of project and team performance.

Arch 1 @ Perkins & Will

Seattle, WA | 06/2016 - 09/2018

- Co-taught UW Architecture Design Studio. Built a Grasshopper script that allows students to specify parametric components of building design, and iterates through designs while performing simulations for various sustainability metrics. Taught students the basics of scripting with Grasshopper and guided students in creating their own custom functionality.
- Co-led internal CODE group, which advocates for the integration of computational design, identifies tools and innovations to empower designers, and builds internal tools.
- Built a grasshopper script to iterate through building massing and simulate the solar impact on the neighboring building. The script cleans the simulation results for use in a Tableau dashboard. The dashboard served as an exhibit in a legal case.
- Built tool to automate exporting model images from various views and layer states.

Research Assistant @ UW Center For Integrated Design

Seattle, WA | 06/2014 - 06/2016

- Co-developed tools for assessing the performance of the Bullitt Center building on Capital Hill. Utilized Beautiful Soup to automate the collection of weather data from the Wunderground API, and Pandas to clean the data and resample it to match the timeframe of data from the building's sensors.
- Automated the capture and processing of HDR images in the building to analyze daylighting levels in various spaces.