

Wei Sheng (Will)

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Education

University of Washington, Seattle (UW) Expected Spring 2023
Cumulative GPA: 3.85 / 4.0
Bachelor of Science in Computer Science & Mathematics (Double Major)

Research Projects

WeChat Mini Program @ UW Simoni Lab Summer 2022

- Deploy web pages with login-in functionality and data collection for administrator to modify backend user data

Nasa Suit Team 2022 @ UW Reality Lab Summer 2022

- Implement Hand menu / Telemetry data GUI under HoloLens environment
- Deploy NavMesh to 3D mesh and visualize route for dynamic data in Unity

Professional Experiences

Department of Civil & Environmental Engineering @ UW

Undergraduate Research Assistant 06/2022 – Present

- Create Network Model Grid from various Digital Elevation Models and use it to build Network Sediment Transporter
- Make tutorials about Network Sediment Transporter for further teaching usage

Sensors, Energy, and Automation Laboratory (SEAL) @ UW

Associates 12/2021 – Present

- Implement scripts from scratch for automization that saves time for administrators to synchronize updates and manipulate members
- Build auto-notification functionality upon the administrative mechanism

Skills

Master: Java, C, C++, Python

Familiar with: JavaScript, Google App Scripts, R studio, SQL, SQL++, MATLAB, C#

Language: English, Mandarin

Award

• Hewitt Scholarship @UW Autumn 2021