William Fleetwood

<fleetww@wwu.edu>   https://linkedin.com/in/william-fleetwood
(425) 281-3444   https://github.com/fleetww

Education

Western Washington University — Computer Science, Honors BS

September 2014 to June 2018 GPA: 3.3

Data Structures CSCI 241	Analysis of Algorithms I CSCI 305
Formal Languages & Functional Programming CSCI 301	Principles of Concurrent Programming CSCI 322
Computer Systems I CSCI 247	Object Oriented Design CSCI 345
Database Systems CSCI 330	Computer Networks I CSCI 367
Unix Software Development CSCI 352	Social Network Analysis CSCI 424

Western Washington University — Computer Science, Accelerated Masters

September 2017 to June 2019 (Expected) GPA: 4.0

Operating System Internals CSCI 509	Parallel Computation CSCI 515
Automata & Formal Language Theory CSCI 510	Machine Learning Algorithms CSCI 571
Computer Languages CSCI 512	Analysis of Algorithms CSCI511

Experience

DocuSign, Seattle, WA — Software Engineer Intern

June 2018 to September 2018

- Appliance Team, working on making various aspects of the DocuSign service into separate packages that can either be hosted internally by DocuSign, or externally in a customer's own datacenter. This allows customers to maintain control over their cryptographic keys, storage of documents, and the overall signing experience.

- Full stack development, .NET focused environment, distributed networks, cryptographic hardware\software, asymmetric and symmetric keys, and low\high level networking experience,

Syrilla Services, Bellevue, WA — Software Development Intern/IT Support

July 2017 to September 2017

- Sole designer & developer using C#, the Entity Framework, and SQL databases to take user input and create meaningful SQL database requests/pushes for a clear and concise display of healthcare plan appeals.

- Small 5 person IT support team, servicing a little more than 50 employees. Included server administration, security analysis, and database management and design.

Personal Projects

wim – Terminal text editor halfway between nano and vim (WIP)

https://github.com/fleetww/wim

- Sole designer and contributor, using C and the ncurses library to implement a more capable nano with a vim-like interface.

- Bridges gap between nano, which is too basic, and vim, which has too steep a learning curve.

Skills (most → least)

C#, C, Java, SQL, Python, JavaScript, TypeScript, UNIX(like), & Windows