Noah Saffer

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EDUCATION

Junior | Double Major Computer Science and Computer Engineering

Washington University in St. Louis | *B.Sc.* May 2020
Dean's List Honors — Cumulative GPA of 3.4

Washington University in St. Louis | *M.S.* May 2021
I have applied into the Computer Engineering program at my alma mater and other colleges as well

EXPERIENCE

Software Development Engineering Intern *Amazon.com, Inc.*
Seattle, WA Summer 2018
Worked on creating and deploying production software for Amazon Prime Video. Skills used include dependency injection and object mapping in Java and model creation in XML.

Head Teaching Assistant *Computer Design I and II*
St. Louis, MO 2016 - 2018
CSE 260M: After outperforming the rest of the class in a course meant for Juniors and Seniors as a Freshman, I was hired as a TA, and subsequently rehired for Spring 2018 as the head TA.
CSE 362M: After finishing with the highest class average as a Sophmore, I was hired as the head TA.

Teaching Assistant *Data Structures and Algorithms*
St. Louis, MO 2017 - 2018
CSE 247: Hired as a TA due to my excellent performance relative to the rest of the class in a course meant for Sophomores and Juniors, rehired for Spring 2018.

Lead Instructor *Zatna LLC*
Martinsville, NJ Summer 2017
Taught high school and middle school children Intro to Electrical Engineering, Data Structures and Algorithms in Java, Python, C#, Unity, Tynker and GameSalad. I was promoted to the lead instructor position after two weeks on the job.

SKILLS

1. Java 2. C 3. VHDL 4. Python 5. C++
6. Verilog 7. SQL 8. C# 9. Visual Basic 10. LaTeX

PROJECTS

- Created a 32-bit CPU using an FPGA that was based on a Simple RISC with microprogramming and expanded it in my free time (VHDL, Verilog).
- Created a difference engine based on a Mealy-model finite state machine to calculate the peak of a polynomial function (VHDL, Verilog).
- Worked on 5 apps that were published to the Apple App Store (iOS Development).
- First place in the Hardware portion of HackMHSII, the hackathon at Millburn High School.

REFERENCES AVAILABLE BY REQUEST — MADE IN LaTeX