



# Noah Whiteis

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## SUMMARY

Well versed and quite inquisitive computer science student, with both practical and hobby experience in software design and development.

## EXPERIENCE

### Software Engineer Contractor, Bluestem Brands

Eden Prairie, Minnesota — 2017-

Developed distributed applications and microservices to handle, process and aggregate data.

#### Accomplishments

- Developed distributed business data aggregation services utilizing Spark.
- Worked with large distributed microservices.
- Utilized Docker Swarm orchestration engine.
- Utilized Kafka and Zookeeper to deliver scalable microservices.
- Built and designed core components of new product pipeline
- Worked with C++, Java, Scala and Clojure
- Designed and built several core services for new product pipeline.

### Certified Trainer, Davanni's Pizza & Hoagies

Savage, Minnesota — 2013-2017

Throughout this experience, I have worked in all positions through the execution of my duties. I also perform the certification and training of other employees, through a well established and tried process

#### Accomplishments

- Certified on all positions throughout the store
- Experience with customers
- Training and teaching experience
- Instilled work ethic

### Freelancer, Independent Work

Savage, Minnesota — 2010-

Have performed various freelance projects independently and developed through the use of various programming methodologies.

#### Accomplishments

- Completed various projects, mostly in Node and Java
- Gained valuable insight into working with clients

### Hobby Pursuit, Independent

Savage, Minnesota — 2008-

Throughout the last eight years, I have constantly maintained a status of performing personal projects in the area of software development, for my own

enjoyment, both in teams and independently

### **Accomplishments**

- Java multiplayer 3D MMORPG Game, with protocol buffers
- Custom built virtual machine
- Z80 emulator
- Operating system and kernel built from scratch
- Prototype car infotainment system
- Encrypted bootloader

### **SKILLS**

- Extensive experience with Python, C, C++, Java, Node/Javascript, PHP, Clojure, Web Design, Database work (MongoDB, CouchDB, Postgres), ObjectiveC, X86 and ARM assembly
- Some experience with Ruby on the rails
- Bash scripting automation and Fish
- Embedded work, including custom bootloader and PIC design
- Systems Administrator for private sites

### **Computer Science Tutor, Independent**

Minneapolis, Minnesota — 2016-

Throughout the last year, I have extensively worked at a private tutor to a selection of students

### **EDUCATION**

#### **University of Minnesota**

Computer Science B.S — 2016-2019 (expected)

Currently studying at the University of Minnesota, in pursuit of a bachelor of science degree in computer science. Considered a sophomore based on credits.

### **SKILLS**

- Maintaining a minimum 3.5 GPA Overall
- Pursuing a degree in computer science (3.8 Major GPA)
- Currently a sophomore, to become a junior.

#### **Prior Lake High School**

2013-2016

Graduated Prior Lake High School with a 3.4 cumulative GPA as well as being in robotics and the computer support group

### **REFERENCES**

Available upon request.