Ethan Shuler

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Relevant Skills	Programming in Python, C, C++, Java, SQL, JavaScript, HTML, CSS, bash scripting.

Relevant Skills

Programming in Python, C, C++, Java, SQL, JavaScript, HTML, CSS, bash scripting.

Comfortable use of React.JS, Node.JS, Django, GDB debugger, git, AWS, Linux commands.

Understanding of and experience with the Agile software development approach and Scrum method. Understanding of and experience with DevOps development method.

Education

GPA: 4.0
Chancellor's Achievement Award Recipient

B.A. in Computer Science, University of Colorado – Boulder, class of 2020

- **Relevant Courses**: Data Structures, Discrete Structures with Computer Applications, Calculus I and II, Computer Systems, Algorithms, Software Development, Linear Algebra with Computer Applications, Computer Animation, Database Systems, Principles of Programming Languages, Cyber Security, Dynamic Models of Biology

B.M. in Music Performance, Bassoon, University of Colorado – Boulder, class of 2020

Internships

Software Development Intern
MakeMusic Inc – Boulder, Colorado - Summer 2019
- Fully migrated company appserver hosting from Windows to Linux, running eleven inter-communicating applications from one server
- Automated building and deployment of new servers for each push to production
- Extensive use of AWS EC2, AWS CloudFormation, Packer, Nginx, Systemd, git, Elasticsearch/Filebeat, SSL
- Some use of Dotnet Core, XUnit
- Extensive exposure to Agile, DevOps/continuous integration, blue/green server deployment
- Started project of migrating local app development to Docker containers

Software Development Intern
Direct Supply Inc - Milwaukee, Wisconsin - Summer 2017
- Developed database for company servers using SQL and the Outsystems web platform
- Ran automated tests on database website using Spec Flow/Spec Bind, tools that use Gherkin
- Learned to collaborate with team members

Other Work Experience

Cross Country and Track Coach
University School of Milwaukee Summer IDEAS program – Summer 2018

Music Theory Learning Assistant
University of Colorado-Boulder – 2018-2020

Activities

Alpha Phi Omega, co-ed community service fraternity
- Volunteered for numerous community service events
- EXPAND Friday night fun - worked weekly with young people who have disabilities

CU-Boulder Wind Symphony
- Principal player: bassoon, contrabassoon

CU-Boulder Symphony Orchestra, Philharmonia Orchestra
- Principal player: bassoon, contrabassoon