385-999-1337
blavigne13@gmail.com
linkedin.com/in/bradlavigne
github.com/blavigne13

Bradley LaVigne

Qualifications

Education *University of Wisconsin*, Oshkosh, WI.

B.S. in Computer Science
- ABET accredited CS curriculum
- GPA: 3.60 / 4.00

B.A. in International Studies
- Global and National Security emphasis
- Sigma Iota Rho (national honor society)

Programming
- Object-oriented programming and design primarily in Java, with some additional exposure to C# and C++
- Functional programming utilizing Scala and Javascript
- System-level programming using C on GNU/Linux
- 3-D graphics in OpenGL, including underlying mathematical concepts

Databases
- Some experience with MySQL and MS SQL
- Understanding of relational algebra and database normalization

Tools
- Eclipse, Visual Studio, Git, Ant, Maven, Linux
- LaTeX, JSON, XML, XAML

Experience

Employment

Computer Science Tutor, *University of Wisconsin*, Oshkosh, WI.
- Provided tutoring for introductory and intermediate level Computer Science courses
- Courses tutored: Intro to Computer Science, Object-Oriented Programming & Design I & II, Architecture & Assembly Language, Data Structures, Discrete Math

Research Assistant, *University of Wisconsin*, Oshkosh, WI.
- Developed prototype visualizations using OpenDSA for lambda calculus module of an online programming languages textbook

Open Source

OpenMRS, *Electronic medical records platform*.
- Worked on JIRA bug reports and configuring virtual machines

Code Maid, *Visual Studio extension*.
- Improved regular expression used for auto-formatting C# comments

Military

Satellite Communications Specialist, *United States Army*.
- Operated and maintained satellite communications systems for the Joint Chiefs of Staff contingency terminal
- Designed and implemented enhanced maintenance procedures in order to ensure mission readiness of aging equipment
- Honorably discharged