Bradley LaVigne

385-999-1337
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Education

June 2016 — **B.S. Computer Science**, *University of Wisconsin Oshkosh*.
- Computer Science emphasis
- ABET accredited

June 2016 — **B.A. International Studies**, *University of Wisconsin Oshkosh*.
- Global and National Security emphasis

Skills

Languages
- Programming experience primarily in Java
- Moderately experienced with C, C#, Javascript, Scala
- Some experience with C++, Python, ML, MySQL, OpenGL

Tools
- Eclipse, Visual Studio, Git, Ant, Maven, VMware, VirtualBox, Linux

Projects and Open Source Contributions

OpenMRS, *Electronic medical records platform*.
- Completed a practicum project in spring 2016 focused on OpenMRS—specifically targeting familiarization with methods of communication, version control, frameworks, and other tools necessitated by large projects and distributed teams.
- Contributed bug fixes related to Hibernate ORM queries (currently in code review)

OpenDSA, *Algorithm and data structure visualization*.
- Created visualizations to demonstrate dynamic programming concepts using OpenDSA API to generate slide shows based upon user input
- Developed prototype visualizations for lambda calculus module of an online programming languages textbook as a research assistant

Awards and Recognition

- *Cum laude* graduation honors — *GPA: 3.60/4.00*
- UW Oshkosh Honors Program
- Scored in 97th percentile of graduating CS majors on ETS Major Field Test
- Sigma Iota Rho — *National honor society for international studies*

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▬▬▬ Work History

Sep 2014–
May 2016
Computer Science Tutor, *University of Wisconsin*, Oshkosh, WI.
- Provided tutoring for introductory and intermediate level Computer Science courses
- Courses tutored: Introduction to Computer Science and Programming, Object-Oriented Design and Programming I & II, Computer Architecture and Assembly Language, Data Structures, Discrete Math

Jan 2015–
May 2015
Research Assistant, *University of Wisconsin*, Oshkosh, WI.
- Developed prototype visualizations for lambda calculus module of an online programming languages textbook

Jan 2005–
Nov 2010
Telecommunications Specialist, *Tekmark Global (Verizon)*, Arlington, VA.
- Performed pre-service testing of long-haul network infrastructure
- Trained new hires, and produced training materials and job aids

Nov 2001–
Sep 2002
Equipment Installer, *DirecTV*, Escanaba, MI.
- Installed satellite dishes, cable runs, and receivers per customer requirements

Jun 2001–
Sep 2001
Central Office Technician, *Tek Systems (Sprint)*, Mt. Vernon, OH.
- Coordinated verification of existing circuits prior to infrastructure upgrades
- Prepared and delivered status reports for engineering management

Jul 2000–
Mar 2001
Telecommunications Engineer, *Global Associates (Qwest)*, Dublin, OH.
- Migrated special services circuits to comply with FCC regulations

Jan 1999–
Jul 2000
Trouble Management Specialist II, *Winstar Communications*, Herndon, VA.
- Performed troubleshooting of network outages involving voice and data services
- Frequently tasked with resolving highly escalated issues

▬▬▬ Military

Aug 1995–
Sep 1998
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