Chris Arcand

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Education

University of Minnesota, Minneapolis, MN **2010 – present**
Bachelor of Science, Computer Science

Expected graduation: Fall 2013 (6 remaining credits)
GPA: 3.136

University of Minnesota, Minneapolis, MN **2007 - 2011**
Bachelor of Music, Music Performance

Orchestral music, clarinet

Related Work Experience

Sport Ngin **2013 – present**
Software Engineer

- Developing JavaScript applications built primarily with Node.js and Backbone.

Nodus, Incorporated **2007 – 2013**
Web Developer and Systems Administrator

- Wrote SaaS web applications for business clients to reduce overhead and simplify complexities.
- Extensive experience with front end web technologies (JavaScript with JQuery, HTML, CSS3)
- Helped develop and program an online maintenance application using Zend Framework (PHP) and MySQL for a major child care corporation. The application logs in users of different roles to add and process maintenance tickets from their nationwide chain of centers.
- Implemented a large content management system using Drupal 7 (PHP) and MySQL for a Minnesota environmental conservation council based in St. Paul. As well as present basic information about the council, it maintains a database of newsletters, calendar events, and conservation sponsors/donators.

Minnesota Muscle Laboratory (Thomas Lab, University of Minnesota) **2010 – 2013**
Network Administrator

- Administrated network servers running Windows Server 2008 used for a variety of purposes, including remote terminal services, cloud storage, domain control and Microsoft Exchange for calendars and email.

Other related projects

- Built a working web application in Python with other computer science colleagues which scraped the UofM Classroom Viewer site to an SQL database and presented sorted information on classroom schedule gaps to find the most efficient places to study throughout the day; it used the Flask and Beautiful Soup Python libraries.

- Through a Program Development class, implemented a language translator in C++ which converted a mock functional programming language to C++ using a modular development scheme. The four modules consisted of a scanner using regex, a recursive descent parser, an abstract syntax tree generator and a translator.