

# Byron Heads

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**Objective** To create games that are fun to make, and even better to play.

**Education Eastern Michigan University** 2006 - Current  
Master in Computer Science 2012  
Bachelors in Computer Science 2009

**Lake Superior State University** 2005  
Studies in Computer Science and Engineering

**Washtenaw Community College** 2003 - 2004  
Studies in Robotics and Computer Science

Courses Included:

- Computer Programming
- Software Engineering
- Game Programming
- Data Structures
- Artificial Intelligence
- Unit Testing
- Human Computer Interface
- Computer Graphics
- Algorithms
- Real Time Processing

**Summary of Skills**

- C / C++ Programming
- Assembly Programming
- System Programming
- Application Development
- Windows/XP/Vista/7
- Linux/BSD/Unix
- Visual Studio/.Net
- Source Control, Git, SVN, and CVS
- Debuggers/GDB
- Game Development
- Lab Management, Radmind and ARD
- PC and Apple Hardware
- Server Set-up and Maintenance
- Manufacturing Cell Maintenance
- Java Programming
- D, Perl, and PHP
- Network Programming
- Qt, WxWidgets, Java Swing and Windows API
- Apple OS X
- Eclipse Java/C/C++
- Vim/gcc
- Build Tools Make, CMake and Autoconf
- Optimizing/gprof/valgrind
- Databases/MySQL/SQLite
- Teaching and Tutoring
- Computer Set-up and Install
- Industrial Robotics
- Welding Systems

<b>Experience</b>	Computer Science Graduate Assistant <b>Eastern Michigan University</b> 305 Hoyt, Ypsilanti, MI 48197 <ul style="list-style-type: none"> <li>• Lab Management with Radmind and ARD</li> <li>• OS X and Debian Server Set-up and Maintenance</li> <li>• Open Directory</li> <li>• Lab Assistance and Java Tutor</li> </ul>	2009 - Current 734.487.1063
	Student Temporary Programmer <b>University of Michigan</b> 4251 Plymouth Rd, Ann Arbor, MI 48105 <ul style="list-style-type: none"> <li>• AFS Cell Support Programmer</li> <li>• Kerberos Support Programmer</li> <li>• Web Team Support Programmer</li> <li>• Server Scripting with Perl and C</li> </ul>	2009 - 2010 734.615.2300
	Maintenance Technician <b>Hatch Stamping</b> 635 E Industrial Dr. Chelsea, MI 48118 <ul style="list-style-type: none"> <li>• Robot Controller Programming</li> <li>• PLC Programming</li> <li>• Vision System Programming</li> <li>• Industrial Cell Maintenance</li> </ul>	2004 - 2005 734.475.8628
<b>Projects and Awards</b>	2005 ACM Programming Competition 2007 ACM Programming Competition Office Zombie, PC game Target Phonics, Flash Cards game Ludum Dare Gold Medal	