

# Aaron St.John

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**Objective**                    Begin my career as a professional software engineer through an entry level position

**Education**                    2000 – 2004                    Central Washington University                    Ellensburg, WA

- B.S. degree in Computer Science with an emphasis on software design and engineering
- Cumulative GPA: 3.54, Cum Laude

### Relevant Classes

- Data structures
- Advanced data structures & file processing
- Assembly language programming
- Computer architecture
- Technical writing
- Principles of language design
- Database management systems design
- Algorithm analysis
- User interface design
- Computer networks
- Artificial intelligence
- Operating systems
- Parallel computing
- Software engineering
- Basic electronics
- Sets and logic
- Discrete math

**Computer Skills**            Operating Systems: Windows 95/98, NT, 2000, XP; Linux  
Languages: C/C++, Java, PHP, SQL, Perl, HTML, CSS, Assembly  
Applications: Microsoft Visual Studio, NetBeans, Microsoft Office, Adobe PageMaker, Adobe Photoshop, CVS

### Software Projects

#### Harmonic Entropy

- Accessible music composition program designed for physically disabled children; implemented in Java with a group of three other students

#### WinIRCLib

- Object-oriented IRC client library utilizing asynchronous TCP/IP communication; written in C++

#### RGBGrafx

- Graphics library for Game Boy game development written in assembly for a Z80-based microprocessor. Developed using cross compilation and emulation techniques

**Experience**                    2003 – 2004                    Irish Eyes – Garden City Seeds                    Thorp, WA

**Internet technician and Computer Specialist**

- Provided solutions for the complete technical needs of a small business
- Applied problem-solving skill in an independent, self-directed environment
- Maintained e-commerce web-site (<http://www.irish-eyes.com>), including developing new code in PHP and administrating a MySQL database
- Administrated a ten-station LAN using Windows NT domains and Ethernet technology
- Troubleshoot various software an and hardware problems

2001 – 2003                    Central Washington University                    Ellensburg, WA

**Residential Computer Consultant / Lab Supervisor**

- Supervised computer lab
- Solved computer problems for students
- Helped students set up computer software and networking in residence halls