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EDUCATION

Bachelor of Science *2000-2004*
Worcester Polytechnic Institute, Worcester, Massachusetts
Major: Computer Science

Coursework:

- Machine Organization And Assembly Language
- Paradigms of Computation
- Operating Systems
- Distributed Computing Systems
- Computer Networks: Architecture And Implementation
- Computer Architecture
- Webware: Computational Technology For Network Information Systems

Project Work:

- MQP: Design and Implementation of TCP Splice for Linux
- IQP: Design and Implementation of Arthritis Care Intranet

Programming Skills:

- C, C++, Assembly
- SQL, PHP, ASP, HTML, TCL
- Java, Visual Basic
- Bash, awk, sed

EXPERIENCE

Allegro MicroSystems Inc, Worcester, Massachusetts *2000-2006*

Developed and maintained systems to aid the engineering and operating staff. Systems involved MS SQL databases backends with frontends ranging from ASP/HTML websites to Visual Basic applications. Experience with integrating disparate systems such as Windows, Unix, and closed hardware.

Gentoo Foundation Inc *2002-2006*

Held a wide variety of roles from package maintainer to herd leaders. Currently co-leading the Games, Base System, and Toolchain groups. Also hold significant roles in the Architecture teams for Arm, HP-PA, Itanium, IBM zSeries (s390), and SuperH. Active Embedded developer on the side.

Open Source Projects *2003-2006*

Founder:

- STDF Solutions: libraries/applications for manipulating STDF files

Member:

- CDemu Kernel Module for Linux: CD drive emulator
- uClibc: micro C library for embedded Linux systems
- BusyBox: replacement of common UNIX utilities for embedded systems