

Daniel L. Clark
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EDUCATION

Michigan Technological University (MTU), Houghton Michigan
Bachelor of Science in Computer Science

EXPERIENCE

General Dynamics Land Systems, Sterling Heights - Michigan Software Engineer (2005 – present)

- Design/Integrate vehicle software
- Port/Maintain software on Linux
- Interface many peripheral devices into cursor controllers
- Create web based lab monitor system
- Manage/Maintain hardware and software assets

International Business Machines Corp., Rochester - Minnesota Speedteam Intern (2004)

- Bluegene performance analysis
- Create MPI testing suite
- Design test results web interface

Mathematical Sciences Department (MTU), Houghton - Michigan Administrator / Consultant / Teachers Assistant (2003 – 2005)

- Create an automated system to load operating system and applications
- Instruct students in mathematics and computer use
- Assisted with technological decisions

Mechanical Engineering Department (MTU), Houghton - Michigan Programmer (2003 - 2004)

- Design front end graphical user interface for a database
- Create custom search protocols
- Technical liaison to customer

Health Decisions Inc., Plymouth - Michigan Programmer (2001)

- Convert and analyze electronic health care claims
- Design and publish employee training manual
- Develop Microsoft Access databases

SKILLS

Languages: C++, C, PHP, Bash Script, Java, HTML

Libraries: pthread, QT, GTK, Boost, PEAR, OpenSceneGraph, MySQL

Applications: SubVersion, Visual Studio, Visual SlickEdit, Code::Blocks, GDB, Clear Case

Operating Systems: Linux, Microsoft Windows, Solaris, AIX, LynxOS

ACCOMPLISHMENTS

- Former President and Founder of Michigan Tech Linux Users Group
- Contributed patches to public open-source projects
- Teacher for Senior Computer Learning Program (Plymouth, MI)
- Proclamation from the city of Plymouth concerning above bullet
- Member of Pi Mu Epsilon, Math honor fraternity