Erika Ahlswede

1410 E. Maple St.
Mount Pleasant, MI 48858

(989) 620 4040 Mobile (pref)
(989) 775 2859 Home

eahlswede@protonmail.com
http://aubade.github.io/

(Portfolio available at link)

Experience

SolidWorks Detail Drafter   Jun 2018-Present

Advanced Battery Concepts

- Duties primarily consist of taking initial concepts or designs by engineering staff and creating parts, assemblies and drawings in SolidWorks.

- Secondary duties involve taking existing parts and assemblies and adding detail work such as fasteners and other hardware, then creating or updating drawings accordingly.

- Parts and Assemblies primarily consist of 80/20 or Welded Steel Tubing infrastructure and a mixture of in-house or made-to-order CNC components. Minor sheet metal work is often involved.

Peer Tutor - CAD/D   Jan 2018-Present

Mid Michigan College

- Duties consist of assisting students having difficulty with course material or who otherwise needed assistance. Courses tutored include Technical Drawing Fundamentals, AutoCAD, and SolidWorks.

Character Designer/Digital Artist   Feb 2010-Mar 2017

Freelance   (intermittent)

- Duties consisted of working directly with clients to move from verbal concept to draft concept, to finished piece.

- Software Tools involved included Digital Art tools such as Adobe Photoshop CS/CC, GIMP, CELSYS Clip Studio Paint, and Corel Painter.

- Hardware Tools involved included both LCD-based and Traditional Graphics Tablets

Professional Certifications

Certified SolidWorks Associate (CSWA) #C-BE45W7C7B6

CompTIA A+ Certification

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Education

AAS in Computer Aided Design/Drafting
Mid-Michigan College, December 2018
Graduated with high honors
ΦθK member
Cumulative GPA: 3.93

Psychology Major, Art Minor
Central Michigan University, 2009
Cumulative GPA: 2.8

Selected Open Source Contributions

DSFML – D Programming Language binding for SFML
https//github.com/Jebbs/DSFML – as E.S. Quinn
Extensive contributions during post-2.2 update

Linux Kernel
https://lore.kernel.org/patchwork/patch/221845/ - As Erika Quinn
Hardware support for IBM Terminal Keyboards

Linux Kernel
https://github.com/aubade/LuaD
Fork based on low-level access to D structures from Lua scripts

Skills

- Able to work well both on teams and alone with minimal supervision
- Fast Learner
- Programming Languages include: C, C++, D, Java, Perl, Lua
- Experienced with SolidWorks 2017-2018
- Experienced with Autodesk AutoCAD 2018-2019
- Skilled with Microsoft Office Suite, Outlook, Word, Excel
- Extensively experienced with Windows and Linux
- Experienced with Adobe Photoshop, Corel Painter, other digital art tools
- 102+ WPM Typing speed on 3-minute test
- 12015KPH Tenkey typing speed on 3-minute test
- General and Artistic design
- Can bake danish and other laminated pastries the hard way.