

A N D R E W E T H A N Y A R O S

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B.S. Computer Science

Drexel University

April 2013 - September 2019

Concentrations: Software Engineering, Human-Computer Interaction | Minor: Architecture | Philadelphia, PA

TECHNICAL PROJECTS

Developer

JPaint

July - September 2019

- 10 week class project to develop a paint clone in Java using the Swing UI Toolkit
- Utilized a model-view-controller architecture for a more easily maintainable design
- Implemented features including customizable tools such as a paintbrush, an eraser, line and shape drawing tools, a paint-bucket tool, and a color-picker
- Created an advertisement for the program using only the program itself

Front - end Developer

Checkers Online

June - September 2018

- 10 week class project to develop an online checkers game using a client/server model
- Developed client application using HTML/Javascript with a canvas-based UI
- Coordinated with group members to design GET/POST requests for communicating game state information with the server application
- Assisted in writing documentation for project requirements, design, and testing

EXPERIENCE

Intern Architect | Kris Kolo, LLC | Philadelphia, PA | June 2015 - October 2016

- Worked on renovation projects primarily for educational clients, including The University of Pennsylvania and The University of the Sciences
- Conducted site surveys to take photos and get dimensions of rooms, locations of fixtures
- Assisted in preparation of schematic design and construction documents using AutoCAD
- Gained insight into various stages of the design and construction process

LANGUAGES

C Java Python C++ HTML / CSS / JavaScript Bash scripting Go

SOFTWARE & OPERATING SYSTEMS

Linux / UNIX systems

Eclipse (IDE)

MathWorks MATLAB

Microsoft Windows

Xcode (IDE)

Unity 3D

Macintosh OS X (macOS)

VIM (Text editor/"IDE")

Trimble SketchUp

IntelliJ IDEA (IDE)

Git (Version control)

Adobe Creative Suite

SKILLS & COURSES

Software Design

Software Security

Graphical User Interfaces

Object Oriented Programming

Software Engineering

Architectural Design

System Architecture

System Programming

Computer Aided Design