ANDREW ETHAN YAROS

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B.S. Computer Science | **Drexel University** | **April 2013 - September 2019**

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