

# 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

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## 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  
Microsoft Windows  
Macintosh OS X (macOS)  
IntelliJ IDEA (IDE)

Eclipse (IDE)  
Xcode (IDE)  
VIM (Text editor/"IDE")  
Git (Version control)

MathWorks MATLAB  
Unity 3D  
Trimble SketchUp  
Adobe Creative Suite

## SKILLS & COURSES

Software Design  
Object Oriented Programming  
System Architecture

Software Security  
Software Engineering  
System Programming

Graphical User Interfaces  
Architectural Design  
Computer Aided Design