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ADAM ALEXANDER MAGIER

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PERMANENT ADDRESS
21 Southfield Road
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UNIVERSITY ADDRESS
106 S. Gregory, Apartment 25
Urbana, IL 61801

EDUCATION

Bachelor of Science, Electrical Engineering *with a Minor in Computer Science*   ***May 2019***
The University of Illinois at Urbana Champaign   ***GPA: 3.63 / 4.00***

PROJECTS

Bare Bones Linux Kernel *as a Personal Project*   **12/2017 – Present**
Basic Linux kernel with scheduling, filesystem, multiple terminals, and mouse functionality
✓ Increased my knowledge of operating systems and low-level programming

Augmented Reality Android Application *at Personify, Inc.*   **09/2017 – Present**
Android application which allows augmented reality holograms to stream to mobile clients
✓ Improved the marketability of the company by showing the cross-platform functionality

Live Performance Monitoring System *at Personify, Inc.*   **05/2017 – 08/2017**
Utility that monitored performance of connection between host and client in main product
✓ Enabled more effective development cycles for the rest of the dev team

Forex Symbol Data Analyzer *at Visual Trading Systems*   **06/2016 – 08/2016**
Self-generating tool used to monitor the currency pairs/contracts being traded with our services
✓ Incorporated as the main method of preventing financial losses throughout the company

WORK EXPERIENCE

Teaching Assistant – ECE 391 *at The University of Illinois*   **01/2018 – Present**
Taught students operating systems and low-level programming concepts

Software Engineering Internship *with Personify, Inc.*   **05/2017 – Present**
Created advanced UI utilities to aid development and helped develop Android application

Software Engineering Internship *with Visual Trading Systems*   **06/2016 – 08/2016**
Developed system to save clients from massive losses on foreign exchange market

EXTRACURRICULARS

Eta Kappa Nu – Active Member *in Eta Kappa Nu Alpha Chapter*   **08/2017 – Present**
Actively participated in volunteer activities such as tutoring and exam review sessions

Executive Board – Webmaster *for Zagłoba Polish Club UIUC*   **08/2015 – Present**
Created the first usable website for the club to improve communication with members

TECHNICAL SKILLS

Programming Languages: Proficient – Java, Python, C/C++, C#, SystemVerilog, x86 (GAS/AT&T)
Intermediate – PHP, JavaScript, Ruby, HTML/CSS, Matlab
Programs: Apache2, Git/GitHub, Android Studio, Visual Studio, Mathematica, Quartus, Unity3D, QEMU
Software Tools: Linux CLI, Thrift IPC, Flask, Windows Forms, CMake, CUDA, Google ARCore, AutoHotKey
Hardware: Arduino Uno, Raspberry Pi 2, Altera DE2-115, Knitting Needles
Spoken Languages: Polish (Fluent), Spanish (Intermediate)

RELEVANT COURSEWORK

ECE 391: Computer Systems Engineering   **ECE 210:** Analog Signal Processing
 CS 225: Data Structures   **ECE 310:** Digital Signal Processing
ECE 411: Computer Organization & Design   **ECE 311:** Digital Signal Processing Lab
ECE 408: Applied Parallel Programming   **ECE 350:** Advanced Fields & Waves
ECE 385: Digital Systems Laboratory   **ECE 454:** Antennas
ECE 220: Computer Systems & Programming   **ECE 330:** Power Circuits & Electromechanics