Andrew Brandt

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Looking for a software development opportunity to further my critical thinking skills and solve real world problems. Currently pursuing a Computer Science degree at UMD. Basic knowledge of C++, C#, and Python, utilized in school projects, a summer internship, and independently developed applications.

EDUCATION

University of Maryland, College Park, MD

Expecting a CS Bachelor's degree in 2026. Planning to earn an Aerospace Engineering Master's after.

Anne Arundel Community College, Arnold, MD

AS Computer Science, Graduated 2023 - 3.22 GPA
Awarded the Computer Science Transfer Degree. Earned an A+ in every computer science class.

North County High School, Glen Burnie, MD 2016

Graduated from the AACPS STEM program having taken several AP courses including AP Comp Sci.

EXPERIENCE

EQR, Millersville, MD — Network Administrator
09/2021 - Present (Part-time)

Developed multiple utilities to improve employee onboarding and offboarding efficiency, as well as a website that consolidated all IT processes into a single view for easier IT personnel training. Managed the company's IT ticket system and performed device repairs on computer hardware and software. Performed data analysis and research of company cell phone usage that resulted in cost savings of approximately $8,000 per month, reducing the monthly bill by half.

Stage & Screen Studios, Millersville, MD — Lighting Designer
06/2021 - Present (Part-time)

Designed lighting for ten productions using the ShowXPress software. Involves researching professional theatrical recordings for inspiration as well as reviewing rehearsals, choreography, music, and video backdrops to create a unique lighting vision for each production. The director praised me: "[His] passion and expertise have once again raised the bar of technical perfection for Stage & Screen Studios!"

HomeGoods, Crofton, MD — Receiving Department Coordinator
10/2020 - 05/2021

Responsible for processing incoming goods. Promoted to Coordinator before leaving to pursue a degree.

Fry's Electronics, Palo Alto, CA — Service Technician
04/2019 - 03/2020

Interacted with customers to assess damage to their computer and provide advice on repairing/replacing components. Diagnosed and implemented corrective actions for computer problems, to include: identifying faulty or outdated parts, upgrading necessary software,and removing viruses. Recommended additional beneficial services and upgrades.

EXTRACURRICULARS

Designed a Blender Python add-on, "ShowXPress Visualizer", that allows for enhanced visualization of lighting effects. The add-on allows editing and creating ShowXPress scenes using Blender's powerful keyframe animation tools. This enables incredibly efficient scene prototyping and refinement without needing to be present at the studio.

Developed a prototype C# program that combines the functionality of a lighting control program and a video presentation program.

North County HS Stage Tech Team 2013-2016 - Lighting designer for theatre productions.

Boy Scouts 2011-2014 - Achieved rank of Star scout.