HINGLE MCCRINGLEBERRY

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**SUMMARY OF QUALIFICATIONS­­­­­­­­­­­­­­­­­­­­­­­ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Looking for a career in software development, especially as it pertains to embedded system design with a focus on software defined radios. Available to start for full time employment July 2023

**EDUCATION\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**THE PENNSYLVANIA STATE UNIVERSITY State College, PA**

Bachelor of Science in Engineering, Electrical Engineering (GPA 3.7 / 4.0) Graduating May 2023

* Inducted into Tau Beta Pi (November 2021)
* Study Abroad: Exchange program at Hogwarts University in London, UK (January – August 2021)
* Coursework: EECS 427 (VLSI Design) EECS 461 (Embedded Control Systems)

EECS 398 (Software Defined Radio) EECS 442 (Computer Vision)

**EXPERIENCE\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_ \_\_\_\_\_\_**

**INITECH Austin, TX**

**Intern** May 2022 – August 2022

* Streamlined processing of TPS reports, leading to a 50% decrease in TPS reporting time
* Improved code execution time for financial batch processing for a major bank, leading to a $20,000 increase in division revenue
* Identified and repaired vulnerable modules of code, preventing multiple external hackers from gaining access to the system while allowing internal development activities to continue
* Consolidated red stapler ordering system, decreasing duplicate supply orders by 60%
* Consulted with Chotchkie’s to reduce the amount of flair required by staff members by half

**HOGWARTS UNIVERSITY** **London, UK**

**Researcher under Professor Longbottom** May 2021 – August 2021

* Researched spell casting incantations, reducing potions processing time by 30%
* Streamlined processing steps for butterbeer, leading to a 100% increase in revenue for Hogsmeade and a 90% increase in customer satisfaction
* Identified multiple causes of the Dementor issues on campus, leading to a 20% reduction in Dementor sightings and 10% reduction in Patronus appearances

**MARS UNIVERSITY** **Mars, Milky Way**

**Researcher under Professor Farnsworth** May 2020 – August 2020

* Refactored code base for Planet Express, leading to a 30% decrease in delivery times
* Created training material for Mars University faculty, reducing lecture prep time in half
* Researched physical and emotional issues plaguing robots on staff, doubling robot uptime and increasing robot happiness
* Through client recommendations, earned TRW Star Award in August 1997 and July 1998 and TRW Excellence Award in December 1998 for continually exceeding customer expectations.

**ACTIVITIES\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_ \_\_\_\_\_\_**

**THON**: Networking Chair (Jan 2022 – May 2022), Secretary (May 2022 – Present)

**Formula SAE**: Member (2021 – Present)

**Intramural Quidditch Team**: Keeper (2020 – 2021)

**ADDITIONAL\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_ \_\_\_\_\_\_**

**Skills:** Verilog, Java, C++, Python, Perl

**Languages:** English native speaker, fluent in Klingon

**Citizenship Status:** US Citizen