**Sebastian J. Hoth**

**209 Hyde Park Ct, Cary NC 27513**

**919 867 4574 ♦** [**sjhoth@ncsu.edu**](mailto:sjhoth@ncsu.edu) **♦ www.sebastianhoth.com**

**Core Competencies**

* Understanding of Computer Hardware and Software implementation
* Basic PCB software, KiCad, Altium
* Verilog, C, C++, Assembly, Java
* Revit, AutoCAD and Solid works
* Proficient in Microsoft Office Products; Word, Excel, Outlook, PowerPoint, Publisher
* Proficient in Linux, Windows, Mac

**Education**

**North Carolina State University, Raleigh Expected graduation MAY 2023**

* Bachelor of Science in Electrical Engineering (3.9 GPA)
* Concentration in Embedded systems and ASIC Verification

Relevant Coursework: ASIC Design, Digital Logic Design, Computer architecture and assembly, Embedded systems architecture, C programming, C++ data structuers

**Employment History**

**Bass Nixon and Kennedy Inc., Cary NC**

**Electrical Drafter JAN 2021-AUG 2021**

* Developed electrical site plans from start to finish from research to drawing to inspection of site using Revit and AutoCAD
* Performed on-site inspections of Electrical equipment throughout the build process to insure correctness as well as inspection of current conditions for renovations
* Worked within a team of Electrical Engineers and Interns to develop site plans on time sensitive and critical projects

**RC4 Wireless, Raleigh, NC**

**Industrial Production Manager AUG 2018-MAY 2020**

* Planned production schedules for over 30 products for Raleigh location
* Coordinated training programs for new hires including preparation of training materials and documentation of processes
* Administered continuous improvement program for equipment and processes, increasing productivity by 30%
* Work on tight timelines as well as high stress environments to meet time sensitive contracts, shipping over 300 products per week
* Attended and represented company at trade shows specific to industry to hundreds of clients and companies

**Electronic Assembler JUL 2017 - JUL 2018**

* Inspect SMD, soldering through hole components
* Pick-and-Place, SMD pasting, and CNC machine
* Complex repairs on Electronics including SMD parts
* Advanced use of Soldering Iron, Hot air tool, Hot plate and reflow oven