# LLC

# LOGAN L. COOPER
## *COMPUTER ENGINEER*

## SUMMARY

Recent Lehigh University graduate with B.S. in Computer Engineering, minor in Economics. Career interest in Software Engineering.

## ACHIEVEMENTS

Developed university wide case-study used by Lehigh administration to enable transition to remote learning. Placed 2nd in hackathon at NSBE Region 2 FRC (2016) by designing and creating a working prototype for a mobile app

## SKILLS/COMPUTER LANGUAGES

**Basic:** • Cadence Virtuoso • OrCAD • JavaScript • Android Studio • CSS • VCS • Database Management • Web Development

**Intermediate:** • Assembly/MIPS Instruction set • C/C++ • Java • Python • Verilog • GIT • Data Analytics

**Advanced:** • MATLAB • Excel • Computer Repair • HTML

## LEADERSHIP

**African Caribbean Culture Club**: Community Service Chair/GU Rep
**National Society of Black Engineers:** Member
**Black Student Union:** Secretary & Events Planning Committee
**National Society of Leadership and Success:** Member

## EDUCATION

### B.S. COMPUTER ENGINEERING • MAY 2020 • LEHIGH UNIVERSITY
*Greer Scholar. Minor in Economics.*

**Software Engineering:**
- Full-cycle agile development in a small team on a web site/mobile app
- Worked as admin, front-end developer, and back-end developer

**Operating System Design:**
- Gained deep understanding of key issues in Operating Systems from development in Unix-like systems
- Software implementation in C/C++ that interacts directly with Operating System

**Computer Architecture:**
- Developed strong understanding on instruction set architecture (ISA) level and microarchitecture level
- Examined programming language level and logic gate level to deepen understanding of computing systems

## WORK EXPERIENCE

### TEACHING ASSISTANT• LEHIGH UNIVERSITY • 8/2018 – 5/2020
- Conducted collegiate lectures regarding course material and grade course assignments
- Assisted students with circuit design and programming in MATLAB/Arduino
- Oversaw the completion of in-class assignments and final projects

### IT INTERN • EMORY HEALTHCARE • 12/2019 – 1/2020, 6/2019 – 8/2019
- Web developer using Cascade content management system
- Provided data analytics for utilization, productivity, revenue, and other department operations
- Performed department-wide policy and procedure audits using company databases and documentation
- Implemented new solutions and assisted Education Coordinators with onboarding process for float pool staff

### SALES ASSOCIATE / INVENTORY MANAGEMENT• MARSHALLS • 7/2017 – 1/2019
- Managed and organized merchandise in assigned department
- Provided customer assistance
- Processed and placed inventory on the sales floor from the backroom
- Loaded/unloaded shipments of merchandise received daily

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