Patrick John Archer

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EDUCATION

Arizona State University – Tempe, AZ   8/2015-5/2019
- B.S.E. in Computer Systems Engineering

Mesa Community College – Mesa, AZ   8/2016-4/2017

Yavapai Community College – Prescott, AZ   8/2013-Present
- CompTIA Network+, CompTIA A+ Computer Technician, and CompTIA IT Ops. Specialist certifications

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PROFESSIONAL STATUS

Bachelor of Science in Engineering, Computer Systems Engineering   5/2019
CompTIA IT Operations Specialist (CIOS) Certification   5/2015
CompTIA A+ Computer Technician Certification   5/2015
CompTIA Network+ Certification   5/2014

WORK EXPERIENCE

ASU Engineering Dean's Office – IT Systems Support Technician (Student Worker IV)   8/2016-5/2019
Yavapai College – IT Help Desk Technician (Student Worker)   6/2014-7/2015
BPOE Elks Lodge #330 – Events Volunteer   8/2010-Present

NOTABLE PROJECTS

ASU CSE Capstone – Sponsored by Benchmark Electronics
Eagle Scout – Culmination Project (Boy Scouts of America)
Independent Endeavor – IoT Smart Home Communication Protocol/Device Development

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ACHIEVEMENTS and ASSOCIATIONS

National Eagle Scout Association   3/2015-Present
Boy Scouts of America
- Rank – Eagle Scout (highest in organization)   3/5/2015
- National Order of the Arrow – Brotherhood Scout (2nd highest rank in organization)   2014

TECHNICAL SKILLS

Proficient Knowledge Of and/or Experience With:
- C/C++/C#, Python, JavaScript, Java, Swift, MATLAB
- Object-oriented program development
- Active Directory
- Arduino architecture and system integration
- ARM architecture
- Linux shell
- LTSpice (CAD)
- Microsoft Office Suite

Basic Knowledge Of and/or Experience With:
- ExpressJS, HTML/CSS, MIPS32, NodeJS, ReactJS, SQL, Verilog
- Cisco GNS3 Network Simulator
- Eagle (CAD)
- GEM5 Processor Architecture Simulator
- Wireshark

– References available upon request –