

Andrew Nguyen

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EDUCATION

MAY 2020 University of Oklahoma, Norman, Class of 2020

B.S., COMPUTER ENGINEERING 3.17 GPA

EXPERIENCE

JAN '18–MAY '18 Co-op Debug Engineer, AMD

- Developed and debug AMD processors and chipsets
- Collaborated with different teams on validation for critical issue escalations
- Resolved issues to meet product development deadlines
- Attended project meetings for updates and problem discussions

APR '15–PRESENT Geek Squad / Computer Sales / Apple Master, Best Buy

- Engage with clients providing solutions based on their definition of fixed
- Troubleshoot and resolve hardware, software, and network issues with a 100% success rate

APR '16–SEPT '17 IT Services Specialist, University of Oklahoma

- Assembled information and customer requests to understand client requirements
- Provided walk-in and remote phone support for hardware, software, network, and account issues

PROJECTS

Meeting Room Scheduling App

- Ranked 2nd place in the 2018 OU Innovator's Prize Competition for designing meeting room scheduling app • Created with React Native and Microsoft Graph API
- Created mobile app on iOS/Android to provide a centralized way to reserve a meeting room from the different departmental buildings on campus

Computer Security Voice Scrambler

- Created an app in MATLAB that simulates the security risk of disclosing private information in public settings through eavesdropping
- Used Fourier Transform and signal analysis to remove ambient noise from target audio • Scrambled voice with random white noise to make signal analysis more difficult

Eye Blink Controlled Keyboard

- Created an application that used a webcam camera to detect when a user would blink and used the inputs to type with only eye blinks
- Created with Python programming language and OpenCV/Dlib libraries for video processing and face landmarks

SKILLS

Software/Programming Languages: MATLAB, Multisim, Eagle, Java, C++, Python, Visual Basic, HTML, CSS, JavaScript, React, React Native