

# MATTHEW H. MADDOX

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**PROFILE** Computer Engineering graduate from an ABET accredited university specializing in computer networks and communication systems. I am currently focused on software development and data analytics

## SUMMARY OF QUALIFICATIONS

- Proficient in object orient design and analysis
- Solid understanding of Java and C/C++ concepts and familiarity with common APIs and design patterns
- Experience with testing framework specifically Junit and understanding of SDLC
- Motivated self-starter with interest in growing as a professional developer; willingness to learn new technologies

## EDUCATION

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### BACHELOR OF SCIENCE (B.S) IN COMPUTER ENGINEERING

MAY 2018

University of North Texas, Denton, TX

**Relevant Courses:** Intro to Computer Security, Internet Programming, Intro to Computer Networks, Communication Systems, Secure E-Commerce, Embedded Systems

**Self-Learning (on-going through Udemy):** Cisco CCNA Certification, AWS Solutions Architect

## SKILLS

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- **Programming:** Java, C/C++, Python, HTML/CSS, MySQL, JavaScript, Bash
- **Software:** MS Office Suite, MATLAB, Visual Studio, IntelliJ IDEA, IBM Rational Rhapsody, Tableau
- **Operating Systems:** Windows, Mac, and Linux
- **Version Control:** Git
- **Big Data Ecosystems:** Exposure to Hadoop, MapReduce, HDFS, Hive, Pig
- **Automation/Testing:** Selenium, JUnit

## PROJECTS

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### SENIOR DESIGN-FPGA STOCK PRICE PREDICTION

AUG 2017 - MAY 2018

- Implemented custom algorithms in C++ to calculate market indicators used in predictive neural network.
- Constructed MySQL database server that connected to algorithms and front-end web portal in order to display results of predictions

## WORK EXPERIENCE

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### WIPRO LIMITED, PLANO, TX 75024

#### PROJECT ENGINEER

SEPT 2018 - PRESENT

- PHEAA – QA Analyst  
Dec 2018 - Present
  - Wrote automated BDD tests using Cucumber for over 50 financial aid transactions
  - Wrote 50+ page object Java files to define webpage layout of screens within web application
  - Developed automated test scripts to simulate user navigating a new Java web application; average pass rate of 90%
  - Practiced agile methodologies during development; continuous integration of product
- Wipro Ascent Program – Data Analytics  
Sept 2018 – Dec 2018
  - 3-month training in Big Data concepts and methodologies
  - HDFS, Hadoop, Hive, Pig, MapReduce, etc.
- Ongoing self-learning to obtain Cisco CCNA and AWS Solutions Architect certification