

**EMPLOYMENT**

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**Software Engineer, Intern** *Cerner Kansas City, MO* **Summer 2019**

Foreign System Interfaces

- Implemented testing code and fixed bugs in Java backend code and React frontend code
- Generated testing coverage reports using Jacoco and created API documentation with Javadocs
- Was a part of scrum team, took part in daily stand-up, sprint ceremonies, and sprint reviews

**Software Developer Intern** *Bank of America Agoura Hills, CA* **Summer 2018**

- Developed a Model for Sentiment Analysis project, using Python and libraries TensorFlow, Numpy, Pandas, Keras, and NLTK
- Integrated into an Agile team, and experienced the software development life cycle

**Application Development**

**Intern** *J.B. Hunt Bentonville, AR* **Spring 2018 – Summer 2018**

- Implemented a web services using Django framework for Load Recommendation Project
- Optimized time of web service execution from 30 seconds to <1 second

**EDUCATION**

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**Fayetteville, AR** *University of Arkansas* **Fall 2016 – May 2020**

- B.S.Cmp.E. in Computer Engineering with Minor in Mathematics, Expected Graduation: May 2020, GPA: 3.8
- Relevant Courses: Artificial Intelligence, Programming Paradigms (Honors), Operating Systems (Honors), Computer Organization, Embedded Systems, Mobile Programming, Data Mining, Software Engineering, Database Management Systems, System Synthesis and Modeling

**TECHNICAL EXPERIENCE**

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**Projects**

- **Web Interface** (Java, HTML, JavaScript, HTTP) Implemented a web interface used for a multiplayer Mario game for two users.
- **Chess Playing AI** (Java) Created a chess playing AI using Alpha Beta Pruning to implement MiniMax Algorithm.
- **Microsoft Malware Prediction** (Python, Sci-kit Learn) Created a binary classifier that could guess with 69% accuracy if a computer system had malicious content based on files. Kaggle project

**ADDITIONAL EXPERIENCE AND AWARDS**

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- **Class Tutor (Fall 2017 – Spring 2018)** Tutored: Calculus 2, University Physics 2, Programming Foundations I, Differential Equations and Laplace Transforms, Discrete Mathematics, and Programming Foundations II
- **Third Prize, Senior Design Projects:** Awarded 3<sup>rd</sup> prize for Synchronized Calendar project, out of 100 projects.
- **Dean's List and Chancellor's List** (Fall 2016, Spring 2017, Fall 2018, Spring 2019)
- **Member of NSBE** (National Society of Black Engineers)
- **Accelerated Student Achievement Program scholarship recipient (ASAP)**

**Languages and Technologies**

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- Java; C++; C; JavaScript; SQL; Python; XML; Verilog
- Visual Studio; Eclipse; Android Development Studio; IntelliJ IDEs; XCode
- Version Control: Git/GitHub