William Lemens

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5000 Smokey Mountain Drive, Austin, TX, 78727

**EDUCATION**

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| **University of Texas at Austin** | Grad. May 2020 (Junior), Currently Enrolled |

*Bachelor of Science in Computer Science*

Relevant Courses: Data Structures, Discrete Mathematics, Computer Architecture, Principles of Computer Systems (Operating Systems), Algorithms and Complexity, Cyber-Physical Systems

GPA: 3.8/4.0

**EXPERIENCE**

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| **dynaConnections** | June 2018 - Present |

*QA Test Engineer Intern*

* Constructed automated test cases for production websites using Java, Selenium, JQuery, & SQL.
* Added functionality to automatically generate assorted graphs for the test suite metrics in R.
* Added and repaired over 100 test cases and reduced the cumulative runtime of the testing suite by more than 40%.

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| **REI** | July 2016 - June 2018 |

*Sales Specialist*

* Service-oriented position (concurrent with studies).
* Required working well in a team environment, offering expert advice and guidance, and interacting positively with customers.

**SKILLS**

**Languages and Tools**

Proficient with Java, Git, Linux, Windows, MacOS

Experience with C++, Vim

Exposure to HTML, CSS, JavaScript, C, x86, Python, SQL, R

**PROJECTS**

**Huffman Coding**

Java implementation of the Huffman coding data compression algorithm

**Operating System**

C, C++, and x86 implementation of an operating system with a heap, multithreading, virtual memory, file system, and concurrent user and kernel processes.

**Game of Life**

Java implementation of the Game of Life with a GUI from scratch

**HONORS**

National Merit Scholar

National AP Scholar

University of Texas College Scholar