

Christopher J. Nevers
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Education:

University of Massachusetts Lowell, Lowell, MA

[May 2019]

- Bachelor of Science in Computer Science (Compiler Construction)
- Honors: Magna Cum Laude, Dean's List (5 semesters)
- Related Coursework: Compiler Construction I-II, Computer Architecture, Operating Systems, Assembly Language, GUI, Mobile Apps I, Computing I-IV, Discrete Structures I-II, Calculus I-II.

English High School, Lynn, MA

[May 2014]

Technical Skills:

- Programming: OCaml, C, C++, Java, JavaScript (React + Flux Architecture), and Python.
- Other: SQL, HTML, CSS.
- Operating Systems: Mac OS X, Ubuntu Linux, Windows 10/8/7/XP.
- Technologies: Git, Apache SVN, MySQL, Microsoft Word, PowerPoint and Excel.

Academic Projects:

Racket Compiler (*OCaml*):

- Implemented a Racket compiler that produces x86-64 assembly or JIT byte-code.
- Features: Hygienic Macros, Garbage Collection, Register Allocation, Functions, Closures, Parametric Polymorphism, Sum Types, Vectors, Control Flow, etc
- Runtime system and virtual machine implemented in C. Compiler implemented in OCaml.

College Bookstore (Java):

- Implemented an open source Android application that would allow students to sell and buy textbooks.
- Utilized Google's Firebase Authentication and Database, NoSQL, Android SDK.

Poker Game (C++):

- Implemented a command line game that allows the user to play poker against the computer. When dealt cards, the computer intelligently makes decisions to try to beat the user.
- Utilized data structures, pointers, makefiles, and modular object-oriented design.

Work Experience:

Software Engineer, Curriculum Associates

[May 2019 - Present]

- Developed new product features for multi-tenant, SaaS products in a J2EE/JavaScript environment using frameworks such as Hibernate, Spring, React, Redux, and Node.js.
- Worked effectively as part of an Agile team and gained experience with issue tracking system JIRA.
- Developed web projects using React and Redux. Including creating Node servers and RESTful APIs.

Software Engineer Co-op, Curriculum Associates

[May 2016 - August 2018]

- Created GUI applications using Java's Standard Widget Toolkit.
- Wrote and updated automated unit tests using Selenium, JUnit, Jest and Karma.

Merchandising Specialist, Best Buy

[August 2015- May 2016]

- Fixed/configured electronic displays, hardware and software. Electronics include: televisions, computers, tablets, digital cameras, speakers, and video game consoles.
- Organized the inventory of multiple departments on the floor to follow specific guidelines provided by corporate.

Photo Lab Technician, Walgreens

[August 2013 - August 2015]