

Alexander (Alec) Nicholas West

Home Address

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Contact Info

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Portfolio

<http://alecnwest.paperplane.io>

Objectives/Goals

Pursue an internship or co-op in software design

Education

Tennessee Technological University—Computer Science Major 3.96 GPA August 2015–May 2019

Classes Taken: Object Oriented Programming, Database Management and Design,
Design of Algorithms, Calc II, Ethics and Professionalism in Computing,
Unix Lab, Algebra, Intro/Prob & Stats

Work Experience

PELIcan Compass Research Project (~10 hours / week) January 2017–Present

Creating a long-term-care facility recommendation system with Ruby on Rails

Maintaining Jenkins Pipeline and Continuous Development of the project

Adtran Co-Op (~40 hours / week) Fall 2016, Summer 2017, Spring 2018

Testing products and simulating traffic via Python scripts

Package development for Mosaic OS and Debian with C/C++ and Python

Food Lion Cashier (~20 hours / week) May–August 2016

TJ Maxx Sales Associate (~10 hours / week) June 2013–August 2015

Math tutor (~5 hours / week) October 2013–May 2015

6th grade math, geometry, algebra, and pre-calculus

Skills/Strengths

Primary languages: C++, Python, Java, SQL, Ruby/Rails, JavaScript

Working knowledge of HTML, CSS, PHP, Shell scripting, Octave, Go, LISP, and z/OS

Current Projects:

Writing IRC chat bot in Go

Coursera Machine Learning course, by Andrew Ng

Computer Hardware – Strong understanding of computer components

Built a personal computer

Honors

IBM Master the Mainframe 2017 Real World Challenge Completion Badge Fall 2017

Artificial Intelligence Wumpus World Agent: Fall 2017

Agent received highest average score among classmates

Adtran Co-Op Best Bot Award: Summer 2017

Node JS dad-bot for IRC servers

Dean's List 2015–Present

Renaissance Engineer Scholarship 2015–Present

Chattanooga Med Rock Scholarship 2015

Leadership

Senior Class President 2014–2015

National Honor Society Historian and Treasurer 2013–2015

Youth Leadership Chattanooga program 2013–2014

Extracurriculars/Organizations

TTU Association of Computing Machinery 2015–Present

String Theory Youth Initiative – Quartet member and web designer – www.styi.net 2014–2015

DevDev Summer of Code – Explored web design and the start-up community 2014