

## Alexander (Alec) Nicholas West

### Home Address

1010 East 10<sup>th</sup> St, Apt A102  
Cookeville, TN 38501

### Contact Info

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(423) 240-0029

### Portfolio

<http://alecnwest.paperplane.io>

### Objectives/Goals

Pursue an internship or co-op in software design

### Education

Tennessee Technological University—Computer Science Major 3.94 GPA 2015–Present

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

University of Alabama, Huntsville—Transient Student

Fall 2016

Class Taken: Algorithm Design

### Work Experience

PELIcan Compass Research Project 2017–Present

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

AdTran Co-Op Fall 2016, Summer 2017, Spring 2018

Testing products and simulating traffic via python scripts

Package Architecture development with python and C/C++

Food Lion Cashier, Livingston, TN 38570

May–August 2016

TJ Maxx Sales Associate at Northgate Mall, Chattanooga, TN 37415

2013–2015

Math tutor for 6th grade math, geometry, algebra, and pre-calculus

2013–2015

Cello Performance:

On demand for weddings, quartets, and local school musicals

2011–Present

### Skills/Strengths

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

Working knowledge of HTML, CSS, Javascript, PHP, Shell scripting, and Octave

Completed Coursera Machine Learning course, by Andrew Ng

Computer Hardware – Strong understanding of computer components

Built a personal computer

### Honors

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](http://www.styi.net) 2014–2015

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