

# Arie Van Antwerp

arivanantwerp@gmail.com | linkedin.com/in/arietva | github.com/clado | they/them pronouns

## Skills

Frontend: AngularJS, HTML, CSS, JavaScript, React, jQuery

Backend: Ruby on Rails, PostgreSQL, Python, C, C++, Node.js, PHP, MongoDB, OCaml, Haskell, Java

Testing: Jasmine, Mocha, Karma, PHPUnit

Misc: Git, Unix CLI, Grunt, Amazon Web Services, Linux, Mac OSX

## Education

### University of Minnesota Twin Cities

August 2014 – May 2018

Bachelor of Science in Computer Science

GPA: 3.9 (Dean's List)

**Relevant Coursework** - Honors Introduction to Programming Concepts, Honors Discreet Structures, Introduction to Algorithms and Data Structures, Advanced Programming Principles, Machine Architecture and Organization, Advanced Functional Programming, Algorithms and Data Structures, Program Design and Development, Formal Languages and Automata Theory, Introduction to Operating Systems, Programming Languages, Software Engineering I, Introduction to Compilers

**In Progress** - Practice of Database Systems

### Wayzata High School

September 2010 – May 2014

National Merit Scholar Finalist, AP Computer science

GPA: 3.9 (4.16 weighted)

## Professional Experience

### Airbnb

San Francisco, CA

Software Engineer Intern

Summer 2017

- Reconciled 100K+ payment events per day using a Ruby on Rails application

### Etsy

Brooklyn, NY

Software Engineer Intern

Summer 2016

- Deployed features affecting 1.6 million sellers using PHP and React

### Sport Ngin

Minneapolis, MN

Software Engineer

September 2014 – May 2016

Software Engineer Intern

Summer 2014

- Designing components to enhance Tourney product and converting Backbone.js app into AngularJS
- Migrating Ruby on Rails application from MongoDB to PostgreSQL
- Writing and automating 100+ unit tests in Jasmine to increase test coverage from 0% to 70%

Software Engineer Intern

Summer 2013

- Engineered a web application with a Node.js backend to simplify design team's workflow by automating and managing updates between a Github repository and an Amazon AWS server

### University of Minnesota

Minneapolis, MN

Teaching Assistant - Intro. to Programming Concepts (Python)

Spring 2014 – Now

- Swiftly finding bugs in students' programs and explaining programming concepts in creative ways
- Collaborating on a python command-line application to help teaching assistants grade efficiently
- Designing curriculum to

## Honors and Activities

**Hackathons** - MHacks IV (2014), UHack (2014), CodeDay (Mentor, 2014, 2015), TreeHacks (2015)

**Coder Dojo Twin Cities** - Mentor

October 2014 – January 2015

**Business Professionals of America**

September 2011 – May 2014

Java Programming – Sixth Place in National Competition (2013)

Web Design Team – First Place in State Competition (2013)