

Ari Birnbaum

[redacted]

Aspiring Software Engineer

Summary

High school student. Aspiring software engineer. Experienced in web development, graphic design, branding and full-stack Django. Skilled in organization, front-end design, code documentation, project management, search engine optimization and virtual private server management. Currently learning MEAN stack, React.js, TensorFlow, Angular and WebAssembly.

Education

Rochester Institute of Technology
2019 – 2023

Bachelor of Computational Mathematics
Computer and Information Sciences, General

Carnegie Mellon University
2018

Computer Science and Nanotechnology
Pre-College AP/EA Program

(15-112) Fundamentals of
Programming and Computer Science

(27-052) Introduction to NanoScience and
Technology

[redacted]
2015 – 2019

High School Diploma
Grades 9 – 12

AP Biology

AP Calculus AB

AP Computer Science A

AP Computer Science Principles

AP Psychology

AP Statistics

AP United States History

Honors Chinese IV

Personal Links

Personal Website

ceiphr.com

LinkedIn

[linkedin.com/in/ceiphr](https://www.linkedin.com/in/ceiphr)

Skills

Industry Knowledge

Software Development	DNS Management	Graphic Design
Object-Oriented Programming	Front-end Development	Web Development
Search Engine Optimization	System Administration	

Tools & Technologies

HTML	CSS	JavaScript
jQuery	Sass	Node.js
Amazon Web Services	Digital Ocean Services	Cloudflare Services
Python	Django	SQL (Postgres)
NGINX	Apache	Bash
Ubuntu	Debian	Linux Systems
Materialize/Bulma CSS	WebGL (A-Frame)	Bootstrap

Productivity Software

Adobe Illustrator	Adobe Photoshop	Adobe Premiere
Microsoft Office Suite	Google G Suite	DaVinci Resolve
Unreal Engine	Unity	Android Studio

Certifications

Adult CPR/AED, Pediatric CPR and First Aid
Issued March 2019 – Expires March 2021

American Red Cross
[redacted]

Honors & Awards

RIT Founders Scholarship

March 2019

“Named to recognize the founders of RIT and its forerunners, Founders Scholarships are awarded to admitted freshmen who are outstanding academically, are active and involved in their schools or community, or demonstrate special talents or abilities...” – [Office of Undergraduate Admissions](#)

Projects

Ceiphr.com

November 2018 – Present

This website displays all my projects, skills, events I've attended and acts as a blog platform. It is written in Python using the Django framework.

Baum: Discord Bot

December 2017 – Present

Experimental discord chat bot designed for raid and spam mitigation. Development on hold.

Eth0: Social Platform

August 2018

Social media platform built in a week as a term project for Carnegie Mellon AP/EA. Written in Python and built with the Django framework.

Artifact VR

June 2018

VR experience about the memorialization of Rocco J. Demercurio, a soldier during the Vietnam War.