

Cristian Novac

Fair Lawn, NJ 07410

☎ 973.356.4622 | ✉ cnovac1441@gmail.com | 💻 github.com/no-vac | 🔗 linkedin.com/in/cnovac1

Education

Montclair State University

Montclair, NJ

B.S. IN COMPUTER SCIENCE

Sep 2016 - Dec 2021

- Computer Club, President
- Founder and Leader of MSU's annual Hackathon, Hawkhack.io
- Blockchain Club, Founder and President
- Relevant coursework: *Algorithms and Data Structures, Database Systems, Computer Networking, Operating Systems, Systems Programming*

Experience

Clipper Data, LLC

New York City, NY

SOFTWARE DEVELOPER - INTERN

May 2020 - August 2020

- Improved tracking of sales performance by implementing financial summary tools used internally with Auth0 in React and Python
- Reviewed and optimized internal application before deployment using Jenkins
- Used QuickBooks API to build and export internal statistics for external use in Confluence
- Developed and deployed serverless API in Python on AWS used to drive the statistics tools

Montclair State University

Montclair, NJ

SOFTWARE DEVELOPER - RESEARCH ASSISTANT

March 2018 - May 2019

- Pioneered a web-based indexing platform that tracks the public dialogue on social justice activism. <https://thehashtagproject.org/>
- Designed systems to collect and graph useful data used by researchers
- Applied Twitter API to track and filter live tweets
- Optimized data storage by 300% saving storage costs

Projects

HawkHack.io

REACT, NODE, MONGODB, AWS

Sep 2018 - May 2020

- Developed web application to sign-up, check-in, and track progress
- Applied QR scanning technology for participant check-in
- Built personalized dashboards as well as fully functional event scheduler for real-time updates used by Admins
- Applied Material-UI for design, Context API for store management, and JSON web tokens for user sessions

HawkHack-Live

NODE, REACT, OBS STUDIO

Sep 2018 - May 2020

- Developed live status board for displaying announcements, running schedule, and other useful information
- Implemented interactive music playlist allowing participants to add and vote songs to be played during the event

Platrun

JAVA

Oct 2016 - Jan 2016

- Built 2D Platformer from scratch using Java
- Implemented sprite animations, collisions, and file saved maps which can be custom built

Skills

Languages Javascript, AWK, Go, C, Bash, Java, Python3, PHP, SQL, Haskell

Technologies Linux 4.18, 5.11, Git, AWS, Node.js, Docker, React, React Native, GraphQL, PostgreSQL, MySQL, MongoDB, HTML, CSS