

Cristian Novac

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Education

Montclair State University

Montclair, NJ

B.S. IN COMPUTER SCIENCE

Sep 2016 - Jan 2021

- Computer Club, President and lead organizer of Montclair State's first Hackathon, Hawkhack.io.
- Blockchain Club, Founder and President.
- Relevant coursework: *Algorithms and Data Structures, Database Systems, Computer Networking, Operating Systems.*

Experience

Clipper Data, LLC

New York City, NY

SOFTWARE DEVELOPER - INTERN

May 2020 - August 2020

- Implemented financial summary tools used internally with Auth0 in React and Python.
- Peer reviewed and optimized internal application before deployment
- 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

- Developed a web-based indexing platform that will track the public dialogue/discourse on social justice activism. <https://thehashtagproject.org/>
- Built tools using Twitter API to track filter live tweets.
- Implemented scheduled tasks to build daily summaries of collected twitter data.
- Designed website and graphic interface to display summary data over time.

Projects

HawkHack.io

REACT, NODE, MONGODB, AWS

Jan 2020 - Present

- Developed a platform for users to sign up, and check-in for HawkHack, Montclair's second annual hackathon.
- Implemented features such as QR code check-in system, real-time updates for Admins via personalized dashboard and a fully functional event scheduler.
- Created using Material-UI for design, Context API for store management, and JSON web tokens for user sessions.

HawkHack-Live

NODE, REACT, OBS STUDIO

Jan 2020 - Present

- Developed live status board for announcements, schedule, and useful information
- Implemented interactive music playlist letting participants add and vote songs to be played
- Created using Material-UI for design, Context API for store management, and JSON web tokens for user sessions.

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, Java, Python, PHP, SQL, HTML, CSS, Bash

Technologies Git, AWS, Docker, React, GraphQL, Node.js, PostgreSQL, MySQL, MongoDB