

## WORK EXPERIENCE

### TEACHING ASSISTANT: CS BRIDGE PROGRAM, NYU TANDON, NY – 2019-PRESENT

- Tutor and grade hundreds of students on foundational topics of CS including, Discrete Mathematics, Programming with C++, Algorithms and Data Structures, Operating Systems, and Computer Networking
- Created a tool which automates parts of the grading workflow including, automatically running and testing submitted code

### DATA ANALYST, TAPINATOR INC., NY, NY – 2016-PRESENT

- Created and maintain Company's average paying user life model for audited public revenue reporting data
- Visualize and perform statistical analyses on game data including user metrics and monetization
- Develop command line and GUI interfaces for internal software
- Develop parallelized scrapers that efficiently collect web data
- Group and clean datasets for preprocessing
- General Python scripting

## EDUCATION

### NEW YORK UNIVERSITY - TANDON, NY – GRADUATING FALL 2020

#### *MS Computer Science*

- Concentration: CS Theory; Data Science. GPA: 3.91
- Selected Coursework: Compiler Design, Big Data, Analysis of Algorithms, Operating Systems, Computer Networking, Information Visualization, Discrete Mathematics

### NYU TANDON, NY – GRADUATED WINTER 2018

#### *Computer Science Bridge Program*

- Graduated with a certificate of distinction and was admitted into the NYU Tandon MS in CS without course deficiencies

### CUNY BARUCH COLLEGE, NY, NY – GRADUATED SPRING 2018

#### *Bachelor of Arts: Business Communications; English. Minor: Statistics and Quantitative Modeling*

- Graduated Magna Cum Laude
- Won the Berlfein University-Wide writing competition with the essay: "Videogames As Art"

## SKILLS

- Software Development:
  - High proficiency: Python and its popular analytics libraries, Rust, C++, JS, VueJS
  - Proficiency: Git, HTML/CSS, Golang, SQL, Spark, Unity, Godot
- Others: Experience writing analytical essays, research papers, and business reports; Fluent in Russian

## PROJECTS

- Golang and VueJS web-app prototype with a real-time data notification system and various social features
- Personal blogging and portfolio site developed with VueJS: <https://vinceniko.github.io/>
- Configurable Fractal Tree generator using Rust compiled to WASM for computation, p5.js for graphics, and a VueJS GUI
- Tetris clone in Rust: <https://vinceniko.github.io/projects/tetrust>
- A compiler for the Cool language made with C++, MIPS, Flex, and Bison: <https://github.com/vinceniko/cool-compiler>
- Column metadata analyzer for NYC Open Data with Spark: <https://github.com/vinceniko/NYC-OpenData-Profiling>