Nicholas Gentile

Software Engineer

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PORTFOLIO: ngentile.nyc • **GITHUB**: 8gentile • **LINKEDIN**: 8gentile

PROJECTS

Ateam • live • repo • A clone of the Basecamp Project Management System

JAVASCRIPT • RUBY • REACT • REDUX • RAILS • POSTGRESQL • MVC • RESTful API

- Secured authentication by hashing and salting passwords with BCrypt
- Remotely stored user avatars and file uploads in the cloud via AWS S3
- Incorporated core CRUD functionalities with conditional authentication privileges
- Integrated Quill.js to render Rich-Text-Formating

Keystroke • live • repo • Inspired by manygolf.club

JAVASCRIPT • CANVAS • HTML5 • CSS3 • FIREBASE

- Implemented a custom physics engine using vector mathematics
- Authored algorithmic randomized map generation with various terrains
- Utilized FirebaseDB read/write queries for an arcade-style leaderboard

EXPERIENCE

Money.Net, New York City • *Software Engineer*
Oct 2017 - Present

- Built front end React components with an emphasis on performance and algorithmic micro-optimizations using ES6 Maps and Sets
- Integrated Python server processes with Jenkins and Bazel to run scheduled DB updates
- Wrote back end microservices in Python using gRPC to communicate with a Java client

Huntington Learning Center, New York City • *SAT Instructor*
July 2016 - April 2017

- Taught advanced algebra, trigonometry and ELA to over 100 students

Seven Points Capital, Manhattan • *Equities Trader*
August 2015 - June 2016

- Series 57 certified, FINRA compliant
- Managed a daily portfolio using Sterling Trader Pro and Microsoft Excel

EDUCATION

App Academy • *Computer Software Engineering*
2017

- Web development bootcamp with 1000-hour curriculum and **< 3%** acceptance rate
- Emphasized OOP, pair-programming, algorithms, security, scalability, REST, coding style

CUNY Baruch College, NY • *B.A. Economics*
2015

- 3.3 Major GPA in Econometrics, Advanced Microeconomics/Macroeconomics, Calculus

SKILLS

JavaScript

Python

Ruby

HTML5

CSS3

SQL

Rails

React

Redux

Git

gRPC

RSPEC

TDD

REST

MVC

Jasmine