Roy Prigat

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EDUCATION

Columbia University New York, NY
- B.A. in Computer Science; Magna Cum Laude 09.2014 - 05.2018
- Honors Society member; GPA: 3.78/4

   Relevant coursework:
   - UI/UX Design   - Computer Networks   - Analysis of Algorithms

WORK EXPERIENCE

Cadence Design Systems Petah-Tikva, Israel
Software Engineering Intern: 06.2017 - 08.2017
- Built and tested a search algorithm in Java for efficient user navigation
- Designed and implemented web UI components in JavaScript ES6 that utilize REST APIs
- Managed project tasks using scrum methodology for enterprise level software
- Wrote unit tests using JUnit testing framework as part of a TDD workflow
- Conducted code reviews and presented live demos of features to the executive board

Columbia University, Math Department New York, NY
Teaching Assistant: 09.2016 - 05.2017
- Conducted weekly based tutoring and personal mentoring of Calculus students
- Held review sessions for groups of up to ten students

PROJECTS   (more at github.com/royprigat)

GettAround
Flask, JavaScript, PostgreSQL
- A web app for public transit navigation
- Constructed a relational database and algorithms to find shortest/best routes

Craft
Ocaml, C, llvm
- Implemented a programming language for building 2D games(source code to executable)
- Team project of four students

NYConcerts
Python, sqlite3, matplotlib, numpy, BeautifulSoup
- Web scraping tool for unstructured data
- Visualization of NY concerts information

Tracribe
React, Electron, Node.js, JavaScript
- Desktop utility app to record private passwords, usernames etc; information stored locally for security

TECHNICAL SKILLS

Languages	JavaScript ES6, Python	**Web**	HTML, CSS, Sass
Frameworks	React, Node.js, Flask	**Tools**	IntelliJ, Adobe XD, sqlite3
Libraries	JQuery, matplotlib, numpy		Unix/Linux, Git

MILITARY SERVICE

Israel Defense Forces 01.2009 - 07.2013
Artillery Corps Field Officer:
- Positioned in a strategic panel reporting directly to a brigade commander
- Mentored fellow officers and soldiers during training routines