Eugene Sokolov

New York, NY 07305
(347) 901-9097
eugsokolov@gmail.com   github.com/eugsokolov

Developer with 4+ years of experience looking for a position to solve interesting software and data problems. Delivering dependable and time efficient solutions, using the most applicable methods available. Able to quickly learn programming languages, design patterns, development tools and other accessories in the field of electrical engineering and computer science.

Skills

Programming Languages: Python, Typescript, Javascript, SQL, NoSQL (Redis, Mongo)
Other: database design, code automation, git, RESTful, Angular, NGRX, Linux, AWS
Spoken Languages: English, Russian, Spanish
Hobbies: sailing, boxing, traveling, home improvement and repair projects

Experience

Adaptive Management New York, NY   *2019-*
Software Engineer (fullstack)
- Develop, build, and support DataMonster, a data management and data visualization web application
- Improved developer coding experience, PR processes, testing, and dev ops, increasing internal productivity 10x
- Suggested major feature and wrote product specs increasing revenue by 15% by giving more fine grained introspection and control over charting tools
- Manage team of 6 contracted developers to build Selenium regression test framework, increasing QA productivity exponentially
- Responsible for maintaining a Python library providing API access to data, refactoring codebase to allow for faster downloads resulting in double paid subscriptions

The Cooper Union for the Advancement of Science and Art New York, NY   *2018-*
Adjunct Professor - ECE 464: Databases
- Teaching a graduate level course exposing students to theoretical and practical applications in modern software development
- Topics include: E-R diagrams, relational data model, SQL, database design, NoSQL, "Big Data"

Hudson River Trading New York, NY   *2016-2019*
Operations Developer
- Monitored live trading weekly, tended to various operational issues, and debugged mission critical software. Worked with all areas of the firm (algorithmic engineers, core devs, system admins, analysts) to streamline company procedures
- Developed and maintained various Python processes and automated workflows
- Responsible for managing corporate actions, created procedures and automated improvements decreasing CA issues 10x
- Created a system to automate ETF order placement, managing notional values of $1-10 million per trade

Projects and Research

On Software Development Product Management: Feature Selection and Model Analysis of Predicting Jira Issue Attributes: *Masters Thesis*   *2016-2017*
- Researched Jira to determine factors that drive issue completion time, priority, and resolution using regression methods

The Influence of the Medial Prefrontal Cortex on a Socially Influenced Deception Task as Determined via Transcranial Magnetic Stimulation: *7th Annual Sense to Synapse Conference*   *2017*
- Built programs for psychology experiments analyzing the medial prefrontal cortex and its affect on human social patterns

Wi-less Gauss: *Senior Project Design*   *2015-2016*
- Created wireless glove-mouse as a computer mouse alternative, Fiverr Ingenuity Award at DreamIt.CodeIt.WinIt competition

Education

The Cooper Union for the Advancement of Science and Art New York, New York
- Masters of Engineering (M.Eng.), Electrical Engineering *4.0 / 4.0*   *2017*
- Bachelors of Engineering (B.Eng.), Electrical Engineering *3.5 / 4.0*   *2016*
Full Tuition Scholarship   *2012-2016*