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ERIC GOODMAN

EDUCATION

Washington University in St. Louis   **Saint Louis, MO**
Bachelor of Science in Computer Science   *Expected May 2018*

- GPA: 3.72 / 4.0
- Kappa Sigma Fraternity

PROFESSIONAL EXPERIENCE

Loom Systems   **Tel Aviv, Israel**
Software Engineering Intern   *Summer 2017*

- Details forthcoming

Prattle Analytics   **Saint Louis, MO**
Software Engineering Intern   *Summer 2016*

- Led a small team to develop a title detection engine in Python, now used in production by the company to detect the titles of more than 36,800 documents
- Wrote and presented spec for a latency simulator in PHP to test backend document detection system against common HTTP protocol and runtime errors
- Learned principles of cloud computing and systems architecture in order to migrate and optimize company's backend data models and transformation scripts to a new micro-ETL service architecture

SoFi (Social Finance)   **San Francisco, CA**
Data Analytics Intern   *Summer 2015*

- Wrote a Python script enabling automatic generation of loan sale files to easily create loan pools for various investor specifications (e.g. credit score, geography, income characteristics)
- Developed script that automated SoFi's loan cash flow forecast model, with various input parameters, used in securitization and whole loan pricing as well as company's audited financials
- Built automated code behind company's student loan refinance borrower savings calculation used on website, in marketing materials and in regulatory disclosure

Washington University Department of Computer Science   **Saint Louis, Mo**
Teaching Assistant   *Fall 2015*

- One of a select group of students to assist professor in assignment correction and instruction for Introduction to Computer Science (CSE 131)

SKILLS

- Languages: Python, Java, C++, Swift, HTML, JavaScript, CSS, PHP, Mongo DB, MySQL
- Frameworks/libraries: Flask, Node.js, Beautiful Soup, jQuery, Bootstrap, PyMongo

PROJECTS

- **Net Value**: A Google Chrome extension that scrapes soccer player data from the web using Beautiful Soup and a Flask API. Users can search for European soccer players and view data regarding their estimated trade valuation, transfer history, and other basic information. Currently available on the Chrome Web Store. Languages/frameworks: Python, Flask, HTML, JavaScript, jQuery, CSS, Bootstrap.
- **Pomotivation**: iPhone application based on the popularized "Pomodoro" technique for increased productivity. Uses a unique methodology for allocating time that users should spend taking a break from their task. Languages/frameworks: Swift.