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## SKILLS

Languages & Technologies      C# / Python / Database Optimization (MySQL) / Linux Administration / Bash / XNU  
Leadership & Mentorship      Technical Mentorship / Planning & Specification / Balancing Urgency vs. Importance  
Design & Architecture          RESTful APIs / OO Architecture / Root Cause Analysis / Cross-system Interfaces

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## EXPERIENCE

### Appfigures

New York NY

#### Head of Engineering

Sept. 2017–Present

- Plans and helps team execute company engineering initiatives, delivering value to customers and other internal teams
- Leads and mentors other engineering team members, helping them grow and succeed
- Ultimately responsible for uptime, availability, and delivery of the company's core products

#### Backend Engineering Lead

Sept. 2015–Sept 2017

- Executed a full cross-site data-center migration with no downtime and a tight schedule
- Served as a technical mentor for other team members
- Designed and developed a new reporting and caching layer which drastically reduced response times and error rates
- Created a system for horizontally sharding large internal datasets, reducing costs and increasing performance.

#### Software Engineer

Sept. 2009–Present

- Specified and created a RESTful API for exposing all of the core product's data in a structured and available way
- Created a highly-available and scalable system for scraping, storing, and accessing data across all major mobile app stores
- Lead a backend transition from SQL Server to MySQL, eliminating license fees and increasing performance

### JP Morgan Asset Management

New York NY

#### CDP Technology Intern

Jun. 2009–Aug. 2009

- Provided support for the infrastructure needs of a critical software initiative within the firm
- Developed a system for the synchronization and status monitoring of crucial database and application servers

### Arc90 Inc.

New York NY

#### Software Development Intern

Jun. 2008–Aug. 2008

- Specified, designed, and implemented a major Java revision of a core logic service within a software ecosystem managing the life-cycle of catastrophe insurance policies

### Fileitup Media

New York NY

#### Freelance Software Developer

Jan. 2008–Jun. 2008

- Architected, developed, integrated and tested web services bridging the gap between brand-driven casual games and backend databases, allowing for collection of user metrics as well as allowing for the creation of a persistent, sophisticated, and more enticing experience for game players

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## EDUCATION

### Pace University

New York, NY

Dual Degree Bachelor of Science in Computer Science & Bachelor Of Arts in Economics

2007-2011

Minors: Mathematics

Seidenberg School of Computer Science / Seidenberg Scholar & Dean's List First Honors

Coursework: Formal Software Development, Discrete Math, Game Theory, AI, Data Mining

GPA: 3.94 / Summa Cum Laude / Scholastic Achievement Award

### Seidenberg School of CSIS, Pace University

New York NY

#### Computer Science and Information Systems Tutor

Sep. 2007–Jan. 2008

- Tutored a diverse group of students in a broad range of both undergraduate and graduate topics including Java development, web design, Agile software, RDBMS systems, and TDD