

Experience

Full Stack Developer **Metani, LLC** **Spring 2016 – Present**

- Developing iPhone and Android apps. Objective-C; Java
- Improving intranet websites with reporting tools. PHP; MySQL
- Automated database backups to NAS storage including real time MySQL sync.
- Replicated full intranet functionality on NAS storage for failover scenarios.

Full Stack Developer **Callida Energy** **Fall 2015 – Spring 2016**

- Ran data analytics with machine learning in Python.
- Developed company's Android and iPhone flagship product. Objective-C; Java
- Maintained the intranet web portal. Python; Django
- Maintained server and database infrastructure on AWS. Linux; MongoDB; MySQL

Middleware Engineer **Barclays Capital** **Fall 2008 – Spring 2015**

- Maintained servers and systems for processing multi-million trading & settlement transactions.
- Developed monitoring scripts to enhance environment stability. Bash; Autosys
- Created tools to simplify code deployments across distributed environments. Bash; Ant; XML

Senior Analyst **Lehman Brothers** **Summer 2006 – Fall 2008**

- Created SharePoint APIs for displaying team metric reports in a custom UI. XML; JavaScript
- Ran statistical analysis on trends in tickets closed by the team. XML; Excel

Software Developer **EZClaim Online** **Fall 2005 – Summer 2006**

- Created a health insurance entry system with dynamic barcode and PDF generation. ASP.NET; JavaScript
- Designed and developed the company website with account and claim file management. ASP.NET; MySQL

Developer, Intern **AllianceBernstein** **Summer 2005**

- Designed and wrote a front-end UI for a content management system. ASP.NET; C#; XML

Developer **Polytechnic University of NYU** **Fall 2002 – Summer 2005**

- Developed an intranet file sharing system with an admin UI for uploading and managing files. ColdFusion;
- Wrote usage tracking scripts to monitor visitor activity on the university website. ColdFusion, Perl, Access

Education

New York, NY **Polytechnic University of NYU** **Fall 2002 – Summer 2007**

- BS in Computer Science
- Activities: University Web Team – maintained the university website in ColdFusion.

Personal Projects

- A multithreaded proxy checker with anonymity analysis. Python; SQLite
- Automatic trend detection in stock market price charts. Qt, C++
- Metropolitan Museum of Art Navigator with dynamic maps, exhibits and search. Objective-C.

Primary Languages, Technologies & Frameworks

- Python/Django; JavaScript/JQuery; Objective-C; C++; XML/XSLT; CSS; MongoDB; MySQL; SQLite
- Android Studio; Xcode; Visual Studio; Eclipse; MySQL Workbench; Apache; Qt; vim; git

Awards and Volunteering

- **Co-patent holder** - "Methods And Systems For Health Insurance Claims Submission And Processing"
<http://www.freepatentsonline.com/y2007/0038484.html>
- **5 Million Young Futures** – mock interview skills workshop; assisted low-income and underprivileged young adults develop employable skills in the IT community.