NITI PAUDYAL

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EDUCATION

UNIVERSITY OF VIRGINIA
BS Computer Science

School of Engineering & Applied Sciences
Minor Engineering Business

McIntire School of Commerce
May 2016

SKILLS

TECHNICAL
Java • Python • Pandas • Django
• Kudu • Impala • Cloudera Workbench
Familiar:
• JavaScript • JQuery • CSS • PHP •
MySQL

NATURAL LANGUAGES
Native Proficiency:
English • Nepali
Limited Working Proficiency:
Hindi • Spanish

AWARDS

• Google Grace Hopper Scholar
• Anita Borg Grace Hopper Scholar
• Hack.UVA Alarm.com API Winner
• Clarifai Champion

LEADERSHIP

• Women in Computing, Founder & President
• Microsoft Student Partner
• Student Council CFO & CTO

INTERESTS

Running • Tennis • Hiking • Travelling

🏠 New York, NY
🐦 @nitipaudyal
💻 nitipaudyal.com
⌨ @niti

EXPERIENCE

THE BANK OF NEW YORK | Software Engineer
July 2016 – Present | New York, NY
- Designed and led the successful integration of several API's for the Fund Accounting Application written in Java
- Revised the Expense Accounting API to adapt RESTFUL principles and successfully deployed the API from dev, test, uat and into production in the NEXEN API Store
- Analyzed data from NEXEN UI in Tableau to advise management on user workflow
- Building a large time series framework in Python utilizing technical indicators

TESLA MOTORS | Software Engineering Intern
May 2015 – Aug 2015 | Palo Alto, CA
- Built from scratch and deployed to production a completely new and responsive Internal Site that supports all internal operations at Tesla utilizing the Microsoft SharePoint platform with various JavaScript Frameworks, HTML, CSS, JQuery and C#
- Responsible for primary engineering and design decisions on a team of three

UNDERGRADUATE TEACHING ASSISTANT
Spring 2015 – May 2016 | Charlottesville, VA
- Courses: CS 4501: Programming Languages for Web Applications & CS 4720 Mobile Applications
- Grade and hold office hours for a course that utilizes PHP, MySQL, JQuery, JS, iOS and Android Development

CENTRAL INTELLIGENCE AGENCY | Software Engineering Intern
Jan 2013 – May 2013, Dec 2013-Jan 2014, May 2014-Aug 2014 | Langely, VA
Top Secret/SCI Clearances with Background Investigation and Full Polygraph
- Led, designed, and developed a Windows Service utilizing the Windows Communication Foundation (WCF) to limit access to files and folders based upon read, write and view access
- Developed accompanying File Explorer Interface for the Windows 8.1 Operating system in C# utilizing XAML, WPF (Windows Presentation Foundation), the .NET Framework and Windows Forms with XML based configurations utilizing the WCF service.
- Utilized Android SDK and Java to develop small mobile communication applications
- Developed parsers to segment data files for a prototype system in C++

PROJECTS

HELPLINE | Undergraduate Capstone Project
Developed a web application in Django for the anonymous telephone hotline service at UVA. The application maintains a call logging system and includes metric reporting features. The app utilizes MySQL, and D3.js

NIGHTFLY
An iOS application written in Swift where SnapChat meets Yelp integrated with the Facebook API that allows users to share pictures of local night life at UVa