

NEEL PATEL

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EDUCATION

Pace University – Seidenberg School of Computer Science and Information Systems, New York, NY: 2019

Master of Science – Computer Science (GPA: 3.82)

- **Relevant Coursework:** Algorithms and Computing Theory, Computer Science Project I, Mobile Innovations for Global Challenges, Computer Science Project II, Human Factor & Usability Metrics, Java Programming

Gujarat Technological University, Gujarat, India: 2017

Bachelor of Engineering – Computer Science & Engineering (GPA: 3.4)

Certifications or Additional Education:

Udacity – Deep Learning Nanodegree Foundation

Udemy – The Complete RxJava 2 for Android Development Masterclass

Udemy – Android Architecture Components & MVVM Masterclass

CORE COMPETENCIES

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|--------------------------|------------------------------|-------------------------------|
| ▪ Android Development | ▪ Agile Software Development | ▪ Material Design Guidelines |
| ▪ Continuous Integration | ▪ Test Automation | ▪ Object-Oriented Programming |
| ▪ Cloud Integration | ▪ UX/UI Design | ▪ Project Leadership |

PROFESSIONAL EXPERIENCE

TATA CONSULTANCY SERVICES LTD. | MILFORD-OHIO,USA | 2019

Data Analyst

- Created Python modules using NumPy, Pandas to perform regression, root – cause and market basket analysis.
- Created SQL queries using MySQL to optimize query performance

SILICON TECHNOLOGIES PVT LTD. | AHMEDABAD, INDIA | 2016 – 2017

Android Developer Intern

- Practicipated in Designing and Developing App logic and screens using Android SDK and Material Design Guildines.
- Performed Unit Testing on the various modules/functions to ensure expected results.
- Wrote clean, clear, well tested and maintable code.
- Worked in and Agile environment and handled daily standup meeetings.
- Have been working with Third Party Libraries like Retrofit2, GSON, Picasso, Glide, Butter knife, Crashlytics.

SOFTCOM TECHNOLOGIES PVT LTD. | GUJARAT, INDIA | 2013 – 2014

Web Developer Intern

- Developed a web-based system using ASP.NET, C#, and MS SQL Server, which integrated RFID cards and fingerprint technology to track and maintain employee attendance, designed using HTML, CSS and JavaScript.
- Developed the system's web interface, leveraging expertise with HTML, CSS, JQuery, and JavaScript.
- Utilized interpersonal and public speaking skills to present the project at the Tech-Expo project exhibition at Parul Institute of Engineering and Technology; communicated with clarity while explaining the project to GTU industry professionals.

PROJECTS

Life Goals | Independent | 2019

- Designed and developed an Android application with Java, Firebase, Material Design, MVVM, and RxJava, which allowed users to create goals, visualize their progress, and comment on other users' goals.

Poll It App | Pace University | 2018

- Designed and developed a polling application for Android with Java and Firebase which allows users to create polls via images and allows other users to comment on polls, like polls, and share polls.
- Led project estimation, delegation, planning, and execution as part of a 4-member team in an Agile environment, handled daily meetings and task assignments, which increased team productivity by 30%.

Build It Bigger | Independent | 2018

- Built a joke-telling application for Android using Gradle and Java and configured Google Cloud Endpoints development server to supply jokes; developed a free, ad-supported version as well as a paid version.

Baking App | Independent | 2018

- Developed baking app for Android with Exoplayer which retrieves and displays video walkthroughs of baking recipes.
- The application loads media, verifies user interfaces with automated UI tests, integrates more than 5 third-party libraries, and provides a complete UX with a streamlined and intuitive home screen widget.

Movie App | Independent | 2018

- Developed an Android movie app with ViewModel, Room, LiveData, and RxJava, which helps users browse and discover movies; the application is available on the Google Play Store.
- Utilized Retrofit to retrieve movie information from themovieDb APIs, and designed the User Interface, integrating features to allow users to view movie details, play trailers, read reviews, and mark their favorite movies.

ADDITIONAL CREDENTIALS

TECHNICAL SKILLS	Android SDK / Kotlin / Java / RxJava2 / MVVM / MVP / Dagger 2 / Retrofit2 / XML / Git / HTML / CSS / JavaScript / Python / C / C / Material Design / Mock Flow / draw.io / AWS / Invision / JSON / Linux / SQLite / MySQL / Adobe XD / Jenkins / Slack / Trello / Google Cloud / Firebase / Restful API / Android Studio / Eclipse / IntelliJ / Jupyter / Anaconda
LANGUAGES	English / Gujarati / Hindi
PROFESSIONAL DEVELOPMENT	<ul style="list-style-type: none"> ▪ Android Basics ▪ Developing Android Apps ▪ Material Design