

Meet Patel

Rochester Institute of Technology

Software Engineer

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School Address: 35 Kimball Dr. Rochester, NY 14623

Education

Rochester Institute of Technology (3rd Year) - Rochester, NY

Bachelor of Science in Software Engineering with a minor in Mobile Dev. / 3.37 Cumulative GPA

- **Director of Programming at RIT OASIS** - volunteered to help host large scale cultural events in Rochester. Helped grow the club every year by increasing funding, number of attendees, and recruiting new members using effective PR methods.
- **RIT Club Football** - proven teamwork/ leadership experience on and off the field
- **Relevant Courses**- Engineering of Subsystems, Process and Project Management, Mathematical Models of Software, Web and Mobile I, Applied Statistics, Public Speaking

Notable Projects

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Tenacious, and self driven full stack developer with a knack for solving problems looking to be an asset to a team in a **full time co-op position during summer or fall of 2018**. My interests include object oriented programming, data structures, and subsystem design.

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- **Airline Flight Reservation Server (AFRS)** - Created an API with a GUI that a company would use to access/manage itineraries and flight info. Functionality included undo/redo, concurrent clients, and live FAA info. Used design patterns and adherence to design principles to make the server and databases as flexible as possible.
- **RIT Ride Abroad** - Construction phase of a cross platform carpooling app for RIT students that allows students to coordinate long distance car rides with other students, using Angular5 and Ionic.
- **Pathbuilder** - Developed a Java algorithm using binary trees, and variations of Dijkstra's algorithms to create an AI for a Pathbuilder game, that competed in a battle royale against other AIs.
- **WebCheckers**- web app where players can sign in to play Checkers against other players with a UI using drag and drop browser capabilities to make moves. App also supported tracking stats, tournament play, spectator mode, and concurrent games/ players.

Technical Skills

Tools used in Projects

Java, Python, Ruby, SQL,
HTML, C, JavaScript,
Angular5, BootStrap,
RESTful/SOAP API, Android
Studio

Processes

Agile/Scrum methodology
System architecture
Refactoring to design patterns
Git Repositories
Writing design documents

Work Experience

Teaching Assistant / Mathematical Models of Software

January 2018 - PRESENT (during semester) / College of Computing and Information Sciences, RIT

- Help administer a 40 student class of 2nd to 4th year students under Dr. Bruce Herring
- Materials in the classes cover Relational Databases, and concurrent programming
- Evaluated and graded coding/ modeling assignments, projects and exams

Store Manager / FM. Cards and Gifts inc.

2014 - PRESENT (during breaks) / Valley Stream, NY

- Ran company social media pages
- Implemented effective advertising methods
- Handled responsibilities of promoting a safe working and shopping environment to maximize customer satisfaction