

Rajesh Rajchal

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PERSONAL PROFILE

- Over 4 years of professional and academic experience in developing applications using Python, C++, JAVA and J2EE Technologies like OOP, Servlet, Spring, Hibernate, JDBC, JavaFX, REST, RESTful, and SOAP Webservices
- US Citizen

EDUCATION

Bachelor of Arts in Computer Science
University of Colorado Boulder, Boulder, CO

Graduation Date: December 2019
GPA: 3.63

TECHNICAL SKILLS

- Object-Oriented, Multi-threading, Event Handling, Framework/API, Network Programming, Full Stack Web Developer
- Algorithms, Memory Management, Data Structures, GUI, UML, Machine Learning, Artificial Intelligence
- **C, C++:** OOP, Signal Handling, Games, GUI libraries (OpenGL), Macro, STL, Assembly language
- **Java:** J2EE, Servlet, Spring, Hibernate, JDBC, JavaFX, GUI, Graphing, Google Maps, Gaming
- **Python:** NumPy, SciPy, Matplotlib, Tkinter, PyQt, Game, Data Analysis
- **VB.Net:** Windows applications, Games, Database management through SQL and MS Access
- Mobile Application (Android)
- Eclipse, NetBeans, IntelliJ, Android Studio, Visual Studio, CodeBlocks, Dev-C++, Notepad++, Jupiter Notepad
- Front End Developer: HTML/CSS, JavaScript, AngularJS, jQuery, JSON, AJAX, Bootstrap, XML
- Web Servers: MongoDB, RESTful, WebLogic, Apache Tomcat, Cloud Computing
- Back End Developer: NodeJS, Oracle, MySQL, PostgreSQL
- Linux, Windows, iOS, Agile Methodology, MS Access, GitHub, Bash, PowerShell, Command line

PROFESSIONAL EXPERIENCES

IT TECH, **University of Colorado Boulder**

January 2019 – August 2019

- Update contents of the university website: <https://www.colorado.edu/casa/>, Manage DokuWiki
- Provide customer support to over 500 faculty for device renewal and replacement
- Manage database of computers and accessories (Mac, Windows, tablets) throughout device lifecycle
- **Technologies:** ServiceNow, Outlook, Microsoft Team, Access, Disk Encryption, Secure Deletion

TUTOR, **Front Range Community College**, Longmont

July 2015 – Present

- Teach concept of programming in different languages: Python, C, C++, Java, VB.NET, JavaScript, HTML/CSS
- Teaching object-oriented programming, data structures, graphical user interface, statistical analysis tools
- Mobile Application (Android)

TEAM LEAD, **Target Store**, Boulder, CO

July 2008 – Dec 2018

- Provide excellent customer service and supervise electronics department
- Manage and monitor 20 cashiers in a shift. Troubleshoot computer issues

Recognitions: Awarded employee of the month, recognized by supervisors for excellent customer service

STUDENT AFFILIATIONS

Burnout Club, CU Boulder

January 2019 – Present

- Build a responsive web site for song lovers
- Website recommends and plays songs based on customer's interest
- Use Spotify API integrated with PostgreSQL and NodeJS

Hacking Club, Front Range Community College, Longmont

January 2018 - Present

- Build programs requested by students, learn new frameworks, develop websites
- Built finding passwords programs in C++, Python, and Java. Built games in Python
- Share coding experience with students