

Jay Patel

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Education

M.S – Computer Science: Georgia Institute of Technology, GA, USA, August 2018 - Present

- Remote, Part-time; Expected Spring 2020
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B.S – Computer Science: Columbus State University, GA, USA, May 2018

Overall GPA: 3.8/4 - Major GPA: 3.9/4; Summa Cum Laude Honors

- Memberships: *ACM, Black Box Society*

Relevant Coursework

- Algorithm Analysis
 - Theory of Computing & Languages
 - Operating Systems
 - Computer Networks
 - Computer Architecture
 - Software Engineering & Project
 - Database Design & Development
 - Discrete Mathematics
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Technical Outline

Languages

Proficient with:

- Java, C, Swift, Front-End Stack, JavaScript, MySQL, Python, Oracle DB
- JSON, AJAX, Bootstrap, REST

Familiar with:

- PHP, Mainframe Assembly, Cobol, Ruby, Haskell, Prolog

Areas of Knowledge

- Project Teamwork & Communications
- Application Design, Development & Testing

Environments

- Windows, Linux-Ubuntu, MacOS

Tools

- Eclipse, Git, XCode, VMs, Visual Studio

Other

- Agile/Scrum Process, TDD
 - Software Design Patterns
 - Problem Analysis & Resolution
 - Software Development Lifecycle
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Experience

IT Support Services – Student Assistant | Columbus State University - Sept 2016 - May 2018

- Provided technical assistance to CSU students, staff, and faculty. Troubleshooted through various means of communication. Duties included: Working with system administrators for updates and maintenance; resolving and managing technical service request tickets for CSU faculty and staff.
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Web Operations – Intern | Columbus State University - Jan 2018 - May 2018

- Worked directly with CSU's Web Services team to complete website updates with CMS and used front-end stack to create and modify website pages. Implemented a database using PHP (Laravel framework), utilized by CSU to track university-wide internship programs.
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Projects

- **Chess Game** – 2017 - Served as the implementation leader of the group, building Chess using Java and object-oriented principles. Determined requirements, created user interface, and maintained documentation.
 - Java, UML, JUnit, and Automated Testing
- **TicketGeek** – 2018 – Used *seatgeek's* API to develop a web service for users to purchase ticket and browse event information. Implemented Google Services' API to improve UX. Worked as the lead front-end developer to design pages, validate forms, and write data queries to pull from database.
 - HTML5, CSS3, Bootstrap, PHP, JSON, AJAX, JavaScript, SQL, jQuery, and UML