

# Carl Guan

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## OBJECTIVE:

To obtain a professional position in software development utilizing experience, technical expertise, and problem solving skills; currently interested in full stack development with Angular TypeScript and Java SpringBoot

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## WORK EXPERIENCE:

### Tata Consultancy Services

Software Developer at AIG (April. 2019 – Present)

- Automate remediation of security flaws in source code including cross-site scripting, SQL and cross-site request forgery using vulnerability-specific flaw patterns
- Create and use SpringBoot and MongoDB application to facilitate email alerts to team members

Software Developer at Ortho Clinical Diagnostics (Aug. 2018 – April. 2019)

- Communicate regularly with Business Relationship Managers to clarify demands/deadlines of customer and update status of projects
- Resolve Ortho Valuator website browser-specific compatibility bugs in ASP.NET including: high-latency; JavaScript failure; undesirable CSS style effects

Software Developer at Johnson & Johnson (Sept. 2017 – Aug. 2018)

- Write scripts to test curated data to verify or improve the functionality of curation software
- Wrote program to format daily job execution log details into excel files to be organized and readily accessible by management

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## EDUCATION:

*Rutgers University Class of 2017: Bachelor of Science, Computer Science*      **GPA: 3.3**

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## PROJECTS:

### Network

Java application to play against a human player or a computer program, utilizing MinMax algorithm to evaluate the next move that would be most optimal given the current state of the board

### Chess

Java application that maintains the chess board state with a two-dimensional array with methods for how each specific piece moves and affects the board, game displayed through print statements

### GamesDiscount

JavaScript and Java web application that uses the CheapShark API to find and/or filter and display the cheapest deals on games sold by online vendors

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## SKILLS/STRENGTHS:

*Coding:* Java, HTML5 & CSS3, JavaScript, Bash

*Operating Systems:* Windows, Linux

*Work in Progress:* AWS Cloud, Docker, Jenkins, Kubernetes, Node.js