

Laurence Bartram

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EDUCATION

Rutgers University New Brunswick, NJ
Bachelor of Science in Computer Science Sept. 2020 – May 2024
GPA: 3.63
RELEVANT COURSES: Software Engineering | Internet Technology | Introduction to Data Science

AWARDS

IT Consultant of the Year 2023-2024

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, HTML5, CSS, FXML, SQL, C, OCaml
Applications: NodeJS, Jira, Figma, Bitbucket, Linux, Confluence, Microsoft Teams, VSCode, Android Studio, IntelliJ, MySQL Workbench, Vim, Eclipse, Oracle VM VirtualBox, ServiceNow, Slack, MongoDB
Libraries/Frameworks: Spring Boot, React, Scrum, Tailwind CSS, Pandas, NumPy, Matplotlib, NPM, JSP
Soft Skills: Collaboration, Problem Solving, Technical Skill Matching, Conflict Resolution

EXPERIENCE

IT Help Desk Consultant - Level 2 Specialist October 2021 – Present
Rutgers Office of Information Technology Piscataway, NJ

- Answer calls from students and faculty members of Rutgers relating to software, internet, and NetID account issues. Typically resolve client issues within 20 minutes.
- Successfully address IP and Hostname device configuration issues within 10 minutes.
- Utilize the Rutgers databases NetID Admin Management, Open Registry, and CAT Tool to verify user-information relating to their NetID, emails, and software licenses.

PROJECTS

ShowGO | ReactJS, Java, REST API, Spring Boot, CSS, MariaDB **November 2023**

- Created a ticketing website for individuals to purchase tickets for events, and for venues to host events.
- Collaborated with group members using agile development principles, using Jira and Confluence.
- Utilized ReactJS and CSS to design the user-facing web pages, Java to handle account objects, Spring Boot for API requests, and MariaDB to store tickets/events/users/venues/etc.
- Supported the creation of over 100 venue and user accounts, checking into events using purchased tickets, banning users from events, event customization, and account customization.

Vehicle Bidding Website | HTML, CSS, JSP, MySQL **August 2023**

- Simulated an eBay clone bidding website for different types of vehicles. Formatted the front end using basic HTML and CSS, processed input using Java Server Pages, and hosted all objects on a local MySQL server.
- Used MySQL database to store data for user profiles, admin accounts, active auctions, valid bids, etc. Used basic API requests to update user bids and auctions.
- Supported administrative and moderator accounts, which could print out sales reports and moderate bids and auctions respectively.

Asynchronous DNS Server | Python, Sockets **March 2023**

- Used scripting to initiate a connection between a client, primary server, and two load bearing DNS servers. Used the socket library to bind and send data between the servers.
- Employed a time-out system to detect if the load bearing servers contained DNS entries, in the case that no response was received at the primary server.

HACKATHONS

- HackRU Fall 2023 <https://devpost.com/software/healthyapp>