Todd Johnston

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GitHub https://github.com/ddotstone   **Personal Website** https://todd-johnston.com/

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EDUCATION

Brigham Young University   **Expected April 2025**
BS in Computer Engineering with Math Minor   *Provo, UT*
- GPA: 3.40
- Junior completing courses in Circuit Design, Digital Systems, and Data Organization.
- Member of the Linux Club, Competitive Programming Club, Programmers Club.

WORK EXPERIENCE

Conduent   **Jun. 2022 – Present**
IT Monitoring Intern   *Sandy, UT*

- Monitored client network and server devices in a 24×7 NOC environment, and escalated incidents to designated teams to ensure client SLAs and business KPIs were met.
- Analyzed and verified root causes of over 2,000 incidents for further investigation and resolution using designated software applications and standard CLI tools.
- Assisted and communicated with clients via phone, email, and Microsoft Teams to verify incidents for proper escalation.

SKILLS & INTERESTS

- **Skills:** C++, HTML, CSS, FPGA Design, Git and GitHub, Linux Systems, MATLAB, Fusion 360
- **Interests:** Hiking, Softball, Reading

PROJECTS

- **C++ Machine Learning Digit Reader :** Reads handwritten digits by training a neural network.
  Code : https://github.com/ddotstone/Digit_Reader | **Demo**

- **C++ Simple Redis:** Simple Redis implementing sockets in order to read information from clients.
  Code : https://github.com/ddotstone/Simple-Redis **| Demo**

- **C++ Datalog Reader**: Reads Datalog input and analyzes queries.
  Code: https://github.com/ddotstone/DatalogReader | **Demo**

- **C++ RPG Game**: RPG Game using the SFML Library and a state strategy.
  Code: https://github.com/ddotstone/RPG_Game | **Demo**

- **C++ Light Following Robot**: Arduino Robot follows light using input from sensors.
  Code: https://github.com/ddotstone/Light_Following_Robot | **Demo**