

# David J. Purdy

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1192 Stellar Dr.  
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**OBJECTIVE:** Seeking a summer CS/SE internship that allows me to combine my leadership and technical skills

## EDUCATION:

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### Rose-Hulman Institute of Technology

May 2023

Bachelor's Degree of Computer Science, Minor in Mathematics

3.38 Cumulative/3.83 Major

**Course Experience:** Database Systems, Data Structures and Algorithms, Operating Systems, Web Development

## WORK EXPERIENCE:

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### InfoDynamics Inc. | Fishers, IN

Summer 2020

*Software Intern*

- Automated all testing for the company using Selenium and C# for Windows Apps/Forms
- Wrote libraries for easy creation of tests for further software testing using Winium
- Presented bi-weekly, participated in multiple sprints, and used AGILE development techniques to delegate work
- Resolved tickets, tested, and documented issues with JIRA and Wiki

### Indigo BioAutomation Inc. | Carmel, IN

Summer 2021

*Full Stack Development Intern*

- Interviewed employees and created a solution to automate the billing process in the company
- Created an analysis tool to audit failures in the peak picking algorithm and help technicians avoid manual errors
- Implemented features in a code base of Ruby, JavaScript, Elm, and C++ that are all in the live product
- Worked on a sprint, reviewing other developer's code, and presenting progress at sprint meetings

## PROJECTS:

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### Winium Automated Testing

- Wrote libraries and tests using a Selenium based tool for windows apps and WinForms and C#
- Implemented features for recording failed tests and exporting to Word and Excel for the Dev team
- Created a web app using RESTful API to display, search, and graph automated testing metadata from SQL

### Eckford Mentorship Program Database

- Designed and implemented a database to help connect minorities in STEM to industry professionals
- Created an application to help manage operations on the database by non-technical users

## SKILLS:

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<b>Languages</b>	JavaScript, Java/C#, C/C++, SQL, Elm, Scheme, Ruby, Python, HTML/CSS
<b>Design Tools</b>	UML, algorithm and runtime analysis/optimization, AGILE design techniques
<b>Other Experience</b>	Low level computer design and programming, Git, and Linux programming

## ACHIEVEMENTS/ACTIVITIES:

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- Rose-Hulman Dean's List
- Delta Sigma Phi Vice President and Activities Director