

# Matt Herwig

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OBJECTIVE	Software engineer with an emphasis on business applications.		
EDUCATION	<b>Lehigh University</b> B.S. Computer Science and Business GPA Overall: 3.91 (Major: 3.92)	Bethlehem, PA May 2020	
SKILLS	Languages: Java, Scala, HTML5/CSS3/JS, Python, C, C++, C# Development: Git, GitHub, Firebase, GPC, Heroku, Docker Salesforce Certifications: Platform Developer I, Platform App Builder		
RELATED EXPERIENCE	<b>Trifacta Technologies</b> Associated Salesforce Developer <ul style="list-style-type: none"><li>▪ Migrated legacy APIs and UIs into the Lightning platform using native Salesforce languages to create an interconnected service CRM ecosystem.</li><li>▪ Constructed frontend permission-based user flows and component-based UI.</li><li>▪ Made scalable and configurable Apex code with licensing and governing limits.</li></ul>	Remote Summer 2020 – Present	
RELATED EXPERIENCE	<b>Dolomite, dolomite.io (Cryptocurrency Exchange)</b> Backend Software Engineer <ul style="list-style-type: none"><li>▪ Created tiered KYC account management system with numerous integrations allowing for secure and dynamic use of the exchange.</li><li>▪ Developed Stripe payment method and subscription system enabling external companies to obtain proprietary blockchain and market data.</li><li>▪ Built web socket software to allow for distributed communication and integration with frontend clients and external partners respectively.</li></ul> <b>Backend Software Intern</b> <ul style="list-style-type: none"><li>▪ Developed in an agile environment and wrote thoroughly tested code that ensured the current and future reliability of provided features.</li><li>▪ Designed the core Scala and Play! Framework backend infrastructure providing easy-to-use abstractions for other developers to use.</li></ul> <b>WonPlanet Mobile</b> Backend Software Engineer <ul style="list-style-type: none"><li>▪ Created JSON REST architecture, focusing on minimizing code duplication, server costs and breaking changes from legacy HTML endpoints.</li><li>▪ Developed rate-limiting and session-based authentication to protect against costly and sensitive resource use respectively.</li></ul>	Bethlehem, PA Fall 2018 – Summer 2019           Remote Spring 2019, Fall 2019	
PROJECTS	<b>Amazon Mturk Bot</b> JavaFX OS level bot automating 1-15 cent tasks involving data crawling, semantic analysis, visualization toolkit, and handling reCAPTCHA and page errors. <b>Poshmark Bot</b> Web crawler and UI that bumps listings to attain higher rankings within Poshmark's news feed with significantly less manual operation. <b>Lehigh Assistant, LUApps 1<sup>ST</sup> Place</b> Wrote Node.js backend and Google Dialogflow intents providing students with dining, transportation, building and sports data through voice input.	Spring 2020  Winter 2019  Spring 2018	
LEADERSHIP	<b>Residence Hall Association</b> Executive Board VP and PR, Trembley President, Upper Cents. Treasure	2016 – 2019	
ACTIVITIES	CSBA General Board Member, CSB Peer Mentor, Running Club Member		