

Matt Herwig

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