JOSIAH PEDERSON

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TECHNICAL SKILLS

Software Engineer with both frontend and backend development experience. Proficiency with Python, JavaScript, React, HTML, and CSS. Experience working with PostgreSQL, MySQL, MongoDB, Django, FastAPI, RabbitMQ, and SimpleJWT. I have worked on both Microservices and Monolith services, using test-driven and domain-driven design.

PROFESSIONAL EXPERIENCE

Galvanize, Inc | *Software Engineer, Immersive Resident* | *Chicago, IL*   2022–Present
- Mentor 70 diverse engineers to encourage coding best practices, agile methodologies, and a growth mindset
- Claim Help Desk tickets to assist students with technical questions and debugging on subjects ranging from Python data structures to Heroku deployment
- Act as a point of contact to assist students over a 900+ hour immersive program

Apple, Inc | *Technical Expert* | *Chicago, IL*   2019–2022
- Led team with 100% iPhone repair success rate for six months via attention to detail, exceeding 93% expectation
- Trained 15 junior technicians by shadowing and providing feedback
- Maintained 95% customer satisfaction score for 10 months by accurately troubleshooting 1000+ iOS devices

Knowledge Tree, Inc | *Executive Assistant* | *Shanghai, China* | *Bartlett, IL*   2019–2022
- Visited 15 schools in southeast Asia annually to establish student acquisition partnerships with US universities
- Directed and edited four annual marketing videos distributed on Chinese social media reaching 1,800 views

Theory of Media, LLC | *Co-Founder* | *Traverse City, MI* | *Wheaton, IL*   2019–2020
- Negotiated five marketing contracts with nonprofits and municipalities generating $40,000 in revenue
- Supervised branding development and website design, ensuring consistent messaging to potential clients

Social Economic Enterprises, LLC | *Video Production Intern* | *Traverse City, MI*   2018
European Leadership Forum | *Media Intern* | Wisła, *Poland*   2014

APPLICATION DEVELOPMENT EXPERIENCE

Packed | *Full-stack Engineer* | *Microservice-based travel guide full-stack site*   *2022*
Repo: gitlab.com/packed-module-3/packed | *Site: packed-module-3.gitlab.io/packed*
- Led four engineer development team in creating and deploying a Django web application over six week period
- Built backend microservices following test-driven development
- Integrated user authentication using Simple JWT

CarCar | *Full-stack Engineer* | *Microservice-based car dealership full-stack site*   2022
Repo: gitlab.com/car-car/car-car | *Site: car-car.gitlab.io/car-car*
- Designed Django/React application with REST API architecture
- Deployed site on Heroku and Gitlab pages utilizing continuous deployment
- Implemented polling between sales and repair domain models

ConferenceGo | *Software Engineer* | *Microservice-based management full-stack site*   2022
Repo: gitlab.com/josiahpederson/conferencego
- Modernized Django monolith using domain-driven-design
- Employed RabbitMQ pub/sub and middleware queueing between three microservices, resulting in 300% fewer database requests compared to the original polling method
- Integrated three third-party APIs utilizing anti-corruption layers (ACLs) to ensure accurate data mapping

EDUCATION

Hack Reactor | *Advanced Software Engineering Certificate*   2022
- 19-week immersive program with 1100+ hours of coding. Full-Stack development with JavaScript, Python, Django, React, Redux, PostgreSQL, MongoDB, and MySQL in an agile environment

Wheaton College | *B.A. Media Communication*   2017
Tianjin University of Business and Economics | *Mandarin Chinese language study abroad program*   2015