

JOSIAH PEDERSON

joshahcpederson@gmail.com | Chicago, IL | linkedin.com/in/josiah-pederson | josiah-pederson.github.io/personal-site

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 50 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