

Josiah Pederson

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TECHNICAL SKILLS

Programming: | Python 3, JavaScript (ES6+), SQL, HTML5, CSS
Back-End: | Django 4, PostgreSQL, MySQL, MongoDB, FastAPI, Apache Kafka, RabbitMQ
Front-End: | React, Redux, DOM manipulation, WebSockets, Bootstrap
System Design: | Microservices, Monoliths, Domain-driven-design, REST API, Message passing, Event sourcing
Dev Tools: | Docker, Git, Insomnia, Heroku, pgAdmin

APPLICATION DEVELOPMENT EXPERIENCE

- Packed** | *Microservice-based travel guide full-stack site* 2022
- Led 4 engineer development team in creating and deploying a Django web application to meet a deadline
 - Produced 2 forms utilizing React hooks, Redux, and Bootstrap that efficiently pass messages to the backend
 - Integrated state-of-the-art authentication with Google Firebase, resulting in a secure user experience
- CarCar** | *Microservice-based car dealership full-stack site* 2022
- Built Django/React application with REST API architecture 15+ React components and authentication
 - Constructed application utilizing 7 Docker containers to ensure data integrity, and horizontal scalability
 - Developed understanding of backend communication by polling to pass data between microservices
- ConferenceGo** | *Microservice-based management full-stack site* 2022
- Modernized Django monolith using domain-driven-design resulting in 4 easily managed microservices
 - Employed RabbitMQ pub/sub and middleware queueing between 3 microservices for efficient backend communication
 - Integrated 3 third-party APIs utilizing anti-corruption layers (ACLs) to ensure accurate data mapping
- Filme Kritiken** | *Full-stack monolithic film review site* 2022
- Implemented Django authentication by creating a custom user model to allow clients to add reviews
 - Designed DOM with grids and color theory via HTML5 and CSS to make the site stand out visually
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PROFESSIONAL EXPERIENCE

- Apple, Inc** | *Technical Expert* | *Chicago, IL* 2019–2022
- Led team with 100% iPhone repair success rate for 6 months by attention to detail, exceeding 93% expectation
 - Mentored 15 junior technicians by shadowing and providing feedback, leading to excellent customer service
 - 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 4 annual marketing videos distributed on Chinese social media reaching 1,800 views
 - Managed \$70,000 fund, composed and filed tax documents, and kept quarterly meeting minutes
- Theory of Media, LLC** | *Co-Founder* | *Traverse City, MI* | *Wheaton, IL* 2019–2020
- Negotiated 5 marketing contracts with non-profits, municipalities, and for-profit businesses
 - 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
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EDUCATION

- Hack Reactor** | *Advanced Software Engineering Certificate* 2022
- 19-week immersive program with 1000+ 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
- Relevant coursework: Programming I - Problem Solving (4 credits)
- Tianjin University of Business and Economics** | *Mandarin Chinese language study abroad program* 2015