

# Raj Thaker

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## Education

<b>Washington University in St. Louis</b> <i>Computer Science + Mathematics and Financial Engineering</i>	2020 - 2023 St. Louis, Missouri
<ul style="list-style-type: none"><li>• <b>Relevant Coursework:</b> Data Structures and Algorithms, Mobile Application Development, Introduction to AI, Introduction to Quantum Computing, Matrix Algebra, Probability and Statistics, Creative Programming, Linear Statistical Models</li></ul>	
<b>Park Hill South High School</b> <i>Class Rank: 1/400</i>	2016 - 2020 Kansas City, Missouri

## Experience

<b>Hunter Engineering Company</b> <i>Computer Science Co-Op</i>	Jun 2021 – Aug 2021 St. Louis, MO
<ul style="list-style-type: none"><li>• Developed and tested user interfaces in React for forms extracting data from Azure backend, enhancing automation of car data and measurements.</li><li>• Specialized in web development and interface building for advanced automotive shop technology in an Agile environment.</li><li>• Implemented JavaScript and Node.js to streamline data processing and improve efficiency in automotive shops.</li></ul>	
<b>Traits AI</b> <i>Mobile Application Development Intern</i>	Jun 2021 – Aug 2021 San Diego, California (Remote)
<ul style="list-style-type: none"><li>• Contributed to the development of Vita, a conversational AI healthcare app aimed at assisting older patients with medical appointments and advanced directive forms.</li><li>• Collaborated with the team to draft a comprehensive Technical Specification Document for project planning and execution.</li><li>• Facilitated efficient healthcare planning by integrating texting modules for seamless communication between patients and medical professionals.</li></ul>	
<b>XChanger</b> <i>Founder</i>	Feb 2022 – Jun 2023 St. Louis, Missouri
<ul style="list-style-type: none"><li>• Founded and lead a team of 7 in developing XChanger, a financial mobile app leveraging AI for portfolio management and monetization.</li><li>• Successfully launched a Beta version of XChanger with 100 MAU.</li><li>• Secured \$15,000 in initial funding to support app development and marketing efforts.</li></ul>	
<b>Boeing</b> <i>Automation Engineer</i>	Jun 2022 – Jun 2023 St. Louis, Missouri
<ul style="list-style-type: none"><li>• Pioneered the use of OpenAI technologies within Boeing, leading the first team to integrate AI capabilities into document generation workflows, resulting in faster and more accurate outputs.</li><li>• Enhanced the GUI of an MVP Python application to automate the generation of Technical Specification Design Practice documents for various departments, significantly improving UI and backend efficiency.</li><li>• Developed and maintained a network backend to streamline data extraction and document generation processes, reducing manual effort and increasing productivity.</li></ul>	
<b>Boondoggle AI</b> <i>Co-Founder/CTO</i>	Jun 2023 – Jul 2024 San Francisco, California
<ul style="list-style-type: none"><li>• Developed 0 - 1 Product that deployed AI agents to automate CRM workflows and data hygiene scoring using LLM, Vector Databases, and PyTorch</li><li>• Raised 280k+ from Venture Capital funding</li></ul>	

## Projects

<b>Crewmate</b>   <i>React.js, TensorFlow, Django, Flask, Ruby on Rails</i>
<ul style="list-style-type: none"><li>• Led the development of a no-code community builder that launched white-labeled AI Communities for brands.</li></ul>
<b>Uncle Joe's Mental Health Resource App</b>   <i>React.js, Express.js, PWA</i>
<ul style="list-style-type: none"><li>• Developed a mental resource app for on-campus club to be launched to entire incoming freshman class at orientation.</li></ul>

## Technical Skills

**Languages:** TypeScript, R, Python, Java, SQL, Dart  
**Technologies:** React.js, Django, Flask, Ruby on Rails, Spring Boot, Express.js, TensorFlow, PyTorch, jQuery, Bootstrap, Node.js, Electron, Android SDK, iOS SDK  
**Concepts:** Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Agile Methodology, Cloud Computing