

Paul Kiattikhunphan

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EDUCATION

University of Virginia / Charlottesville, VA

Graduation – December 2024

B. A. in Computer Science & Minor in Technology Entrepreneurship

- **GPA:** 3.82/4.0 (Dean's List x5)
- **Relevant Courses:** Advanced Software Development, Databases, Software Development Methods, Algorithms, Software Testing

PROFESSIONAL EXPERIENCE

Bitkub – Product Management Intern / Bangkok, TH

May 2024 – August 2024

- Spearheaded the decentralized exchange (DEX) feature, coordinated with PMs, engineers, and data science to unlock \$400K in new annual revenue and boost transaction volume by 20% through peer-to-peer trading
- Conducted complex opportunity sizing for DEX marketplace, including SQL queries and formula generation to drive strategic decision-making, influencing 2024/25 product roadmap and aligned competing teams to descope project and save \$100k
- Headed functional QA for Bitkub Metaverse, conducted user acceptance testing (UAT) to resolve 25+ in-game issues, and implemented an issue-tracking process that reduced bug fix times by 15%
- Led the fraud detection feature for KAP-20/721/1155 smart contract development standards; created wireframes, user journeys, and the Software Requirements Specification (SRS) document to automate token removal from wallets involved in fraudulent transactions

W. R. Berkley Corporation – Product Management Intern / Manassas, VA

June 2023 – August 2023

- Spearheaded feature ideation process for CC10 Guidewire Management Software, facilitating the creation of a product requirement document (PRD) to establish a shared understanding between the client and the team
- Conducted feature validation for insurance underwriting tools using SQL queries to ensure end-to-end workflow accuracy, resolving 15+ software issues and reducing underwriting processing times by 10%
- Streamlined product release workflows and issue tracking using Jira, leading Agile practices with 4 other tech leads, including sprint planning, backlog grooming, and story prioritization, achieving 98% on-time delivery and a 5% increase in release frequency

FINNOMENA – Software Engineer Intern / Bangkok, TH

June 2022 – August 2022

- Developed dynamic visualizations in D3.js for the Global Income Focus (GIF) investment model, pulling portfolio metrics and transforming them into personalized cash flow graph projections for over 1M monthly investors
- Implemented an SMS-based notification system to deliver real-time financial market updates, increasing user engagement by 15%
- Led the redesign of FINT's (utility token) ecosystem to incorporate 10+ game-based learning features, simplifying investing concepts and enhancing onboarding experience for new users

PROJECTS

[The Next Journey Portfolio](#) – Developer

- Developed a responsive portfolio using Next.js and Tailwind CSS, achieving a perfect 100/100 Lighthouse performance score
- Leveraged Framer Motion to create fluid and dynamic animations, enhancing UI interactivity and ensuring smooth transition effects
- Integrated 3D elements by leveraging Blender and Three.js, optimizing rendering performance and delivering interactive visuals

[Hoos Tutoring](#) – Scrum Master | Lead Developer

- Directed a team of 4 developers in a Django project, launching a tutoring application to improve students' access to academic support
- Built a dynamic student-tutor matching system by integrating with the University's student system API, serving 30+ undergraduates
- Deployed and maintained the web application on Heroku, leveraging GitHub Actions for CI/CD, PostgreSQL for database management, and Python, JavaScript, HTML/Sass, and Bootstrap for end-to-end development

LEADERSHIP & INVOLVEMENT

UVA CS Department – Teaching Assistant / Charlottesville, VA

January 2023 – May 2024

- Spearheaded an upper-level computer science course in Human-Computer Interaction (CS3205) and Software Testing (3250) in the context of Software Engineering to 150+ students
- Oversaw 7 project teams as head TA, provided 5+ hours of office hours per week, and awarded 35% of total course credit
- Introduced JUnit and Selenium in software testing projects, enabling hands-on experience with test automation and feature validation

FORGE – Instructor / Charlottesville, VA

August 2021 – December 2021

- Founded and instructed Source Lite, a 10-week software development course on web development (HTML/CSS, JavaScript, and React)
- Administered weekly 2-hour classes and 30-minute lab-sessions to 20+ university students

SKILLS & CERTIFICATIONS

Programming Languages: Python, C++, HTML/CSS, Java, JavaScript, SQL

Frameworks/Libraries: React, Vue.js, Next.js, Three.js, Django

Certifications: AWS Cloud Practitioner, AWS Solutions Architect Associate

Others: Agile (Scrum, XP, Lean), Git, Confluence, Jira, Figma, Unity, Blender, REST APIs, SSMS, PostgreSQL, Draw.io, Miro