

Paul Kiattikhunphan

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EDUCATION

University of Virginia / Charlottesville, VA

Expected Graduation – December 2024

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

- GPA: 3.8/4.0 (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) product feature, creating wireframes, user journeys, and the Software Requirements Specification (SRS) document; coordinated with PMs, engineers, and data scientists to unlock \$300K in new annual revenue
- Optimized Solidity scripts for the “adminTransfer” function under KAP-20/721/1155 token standards, automating detection and removal of tokens from wallets involved in fraudulent transactions
- Led QA and debugging of the Game Design Document (GDD) for Bitkub's metaverse project, conducted user acceptance testing to resolve 25+ critical in-game issues, and implemented an issue-tracking process that reduced bug fix times by 20%

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

June 2023 – August 2023

- Spearheaded feature ideation process for CC10 Guidewire Management Software, defining 20+ ticket requirements and facilitating the creation of a product requirement document (PRD) to establish a shared understanding between the client and the team
- Conducted feature validation processes for insurance underwriting tools using SQL queries and formula generation, resolving 15+ software issues and reducing underwriting processing times by 10%
- Leveraged Jira to optimize product release workflows, streamline issue tracking, and improve deployment processes, resulting in 98% on-time delivery for sprint commitments and a 4% increase in release frequency

FINNOMENA – Software Engineer Intern / Bangkok, TH

June 2022 – August 2022

- Implemented an SMS-based notification system to deliver real-time financial market updates, resulting in a 200% increase in feature adoption and a 25% improvement in user response time to market shifts
- Developed dynamic data visualizations in D3.js for the Global Income Focus (GIF) investment model, transforming 20,000+ financial data points into personalized cash flow graph projections for over 1M monthly investors
- Led the redesign of FINT's (utility token) investing ecosystem to incorporate 10+ customized trading education games for users
- Headed Agile development practices alongside 4 other tech leads during sprint planning, code reviews, scrum-related meetings, and assisted in backlog grooming and story prioritization within Jira

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 Blender and Three.js to launch an immersive 3D vector room environment, elevating user interactivity and engagement

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

- Directed a team of 4 developers in a semester-long Django project to launch a tutoring application for university students
- Incorporated a student-tutor matching system by integrating with the University's student system API, serving 40+ students
- Configured and deployed web application on Heroku, leveraging GitHub Actions for continuous integration, 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 2023

- 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
- Orchestrated the migration of all course materials to a new learning management system, increasing student engagement by 34%
- Oversaw 7 project teams as head TA, provided 4+ hours of office hours per week, and awarded 40% of total course credit

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, Sass, Java, JavaScript, SQL, JQL

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

Certifications: AWS Cloud Practitioner, AWS Solutions Architect Associate

Others: Agile (Scrum, XP, Lean), Ubuntu/Terminal Interface, Git, Confluence, Monday, Jira, Figma, Unity, Blender, Miro