

JOHN M. R. CLAPHAM

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EDUCATION

- **William & Mary** Williamsburg, VA
Doctor of Philosophy in Computer Science; GPA: 3.88 Sept. 2021 – May 2026 [Expected]
Master of Science in Computer Science; GPA: 3.95 Sept. 2021 – Jan. 2023
Bachelor of Science in Computer Science; GPA: 3.27 Sept. 2017 – May 2021

ENTREPRENEURSHIP EXPERIENCE

- **Motion Medix** Williamsburg, VA
Co-Founder July 2024 – Present
 - Co-Founded startup focused on wearable technology that detects and treats the symptoms of Parkinson's disease.
 - Secured \$2,000 funding award and was recognized as most engaged venture at W&M Entrepreneurship Hub.
 - Conducted 30 customer interviews as part of Mason I-Corps Regional Course.

INDUSTRY WORK EXPERIENCE

- **RingCentral** Belmont, CA
Product Management Intern June 2022 – Sept. 2022
 - Collaborated with designers and engineers in order to improve Admin UX for Enterprise & SMB UCaaS customers.
 - Owned and drove development of new product feature requests from aligned stakeholders. Developed new features with design team. Consulted with engineers to understand technical challenges. Aided with customer interviews.
 - Created documentation system to aid entire product management team in tracking product metrics for all admin features and functionalities. This documentation is modular and easily maintainable for future development.
 - Led a team of 7 interns to create an end-to-end product pitch. Presented product to a panel of executives on a live "Shark Tank" style webinar broadcast to the entire company with over 500 participants.

ACADEMIC EXPERIENCE

- **William & Mary** Williamsburg, VA
Research Assistant May 2023 – Present
 - Conducted research in the field of Ubiquitous and Mobile Computing. Designed, developed, implemented, and deployed mobile sensor systems to real-world problem scenarios.
 - Collaborated with multidisciplinary stakeholders including nursing, neurology, and physical therapy domain experts to publish research in a top peer-reviewed ACM/IEEE CHASE conference. Presented work at the conference.
 - Elicited requirements for, designed, implemented, tested, deployed, maintained, and continuously evolved software sensing systems. Collected movement data from 47 senior individuals in Virginia using these systems.
 - Analyzed resulting datasets from data collections to extract meaningful insights and develop new AI technologies.
 - Contributed to grant proposals for securing research funding. Presented proposals to funding committees.
- **William & Mary** Williamsburg, VA
Teaching Assistant Jan. 2023 – May 2023
 - Assisted in CSCI434/534 Network Systems and Design, at both undergraduate and graduate levels.
 - Solved student concerns and technical questions related to course material during office hours.
 - Defined and graded Java programming assignments and problem sets.

SKILLS

- **Programming:** Java, Python, Git, Linux, macOS, Windows, Android, Virtual Machines, Firebase, L^AT_EX
- **Non-Technical Software:** Miro, Monday, Asana, Trello, Jira, Figma, UCaaS (TEAMS, Outlook, Slack, Zoom, Discord)

INTERESTS

- **Technical:** Ubiquitous & Mobile Computing, Human-Centered Computing, Human-Computer Interaction, AI
- **Misc:** Entrepreneurship, Health, Wellness, Fitness, Hiking, History, Building Custom Computers, Film, Cooking