John Clapham

johnnyclapham.github.io

Email: jmclapham@wm.edu
Mobile: +1 (434) 218-9522

Product-focused CS PhD and startup co-founder with experience building and shipping user-facing technology systems.

PRODUCT & TECHNICAL EXPERIENCE

- **Motion Medix** — Williamsburg, VA
  Co-Founder — *July 2024 – Present*
  - Co-founded wearable AI health startup developing technology to detect and mitigate Parkinson's symptoms.
  - Designed and deployed an MVP prototype with 13 patients in a real-world pilot study in Virginia.
  - Secured $2,000 funding at W&M Entrepreneurship Hub's Acceleration Program. Awarded most engaged venture.
  - Conducted 30 customer interviews as part of Mason I-Corps Regional Course.

- **RingCentral** — Belmont, CA
  Product Management Intern — *June 2022 – Sept. 2022*
  - Collaborated with designers and engineers to improve Admin UX for Enterprise & SMB UCaaS customers.
  - Owned and drove development of product feature requests from stakeholders.
  - Partnered with design and engineering to scope and deliver features; supported interviews to validate requirements.
  - Created documentation system to aid product management team in tracking product metrics for admin features.
  - 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.

- **William & Mary** — Williamsburg, VA
  Research Assistant — *May 2023 – Jan. 2026*
  - Created and deployed end-to-end intelligent sensing systems integrating wearable hardware and machine-learning enabled mobile software for 58 senior users under IRB approval.
  - Designed machine-learning systems for real-world health monitoring, focusing on action localization and measurement from untrimmed time-series data.
  - Led end-to-end system development from requirements gathering through deployment and maintenance.
  - Conducted usability testing of deployed sensing systems with users, translating insights into design improvements.
  - Took over and maintained inherited software systems from graduating students. Evolved functionality and UX.
  - Published research and presented at conferences. Won best paper twice. Secured NSF and IEEE TCI travel awards.
  - Contributed to securing research funding through technical proposal development and stakeholder presentations.

- **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. Defined and graded programming assignments and problem sets.

EDUCATION

- **William & Mary** — Williamsburg, VA
  - *Doctor of Philosophy in Computer Science* — *Sept. 2021 – Jan. 2026*
  - *Master of Science in Computer Science* — *Sept. 2021 – Jan. 2023*
  - *Bachelor of Science in Computer Science* — *Sept. 2017 – May 2021*

SKILLS

- **Product & Strategy**: Product ownership, product-market fit, value proposition, customer segmentation, roadmap development, backlog prioritization, requirements (PRDs), KPI definition, commercialization, go-to-market strategy
- **User Research & Validation**: User interviews, domain expert consultation, persona development, value proposition testing, UX evaluation, pain point analysis, stakeholder collaboration, participant recruitment
- **Technical Depth**: End-to-end systems, machine learning, sensor systems, hardware integration, software pipelines, runtime performance monitoring, system debugging, sensor fusion, Agile development, Python, Java, JavaScript, HTML
- **Communication & Leadership**: Cross-functional execution, engineering & design collaboration, investor pitching, demo creation, public speaking, lecturing, mentorship, technical communication for diverse audiences
- **Tools**: Jira, Asana, Monday, Trello, Miro, Figma, Git, Firebase, Notion