

# Jeremy Barry

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## EDUCATION

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**William & Mary** | *Graduating December 2027* | *Williamsburg, VA*

B.S: Data Science and Mathematics, Finance Minor

- **GPA:** 3.83
- Relevant Coursework- Applied Machine Learning, Data Structures, Multivariable Calculus, Linear Algebra, Databases
- Clubs and Activities: Tribe Innovation, AI Club, Club Pickleball, Google Student Developer Club, Sigma Pi Scholarship Chair

**Newburyport High School** | *Class of 2024* | *Newburyport, MA*

- **GPA:** 4.406

## WORK & LEADERSHIP EXPERIENCE

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**Incoming Data Science Intern** | *May 2026- August 2026* | *Washington D.C*

*NT Concepts*

- Selected for a competitive Summer 2026 internship working on computer vision and drone-based data systems.
- Will contribute to building and evaluating vision models for object detection and classification tasks.

**CEO & Co-Founder** | *August 2025- Present* | *Williamsburg, VA*

*Crawlrr (Social networking app that tracks and shares adventures)*

- Built a full-stack React Native app with real-time location sharing, event routing, and user authentication, integrating Firebase + Expo for ios & android deployment.
- Won William & Mary Rocket Pitch competition and led product, growth, and go-to-market strategy: driving ambassador rollout, venue partnerships, and beta onboarding to reach 800+ users in the first month.

**Founding AI Architect & Researcher** | *May 2025- August 2025* | *San Francisco Bay Area*

*Oaklet (AI-enabled electronic health record for behavioral therapists)*

- Architected Oaklet's Agentic AI infrastructure by designing scalable, HIPAA-compliant data pipelines implemented on AWS, which directly supported the company's \$10M valuation.
- Conducted AI research leveraging AWS Bedrock + MCP Servers, developing agentic model prototypes that saved therapists over 6 hours per week (50% efficiency gain), generating an additional \$5,800 in monthly revenue per clinician.
- Bridged the gap between technical and business teams by working closely with the CEO and CTO to align AI infrastructure and research with strategic goals, influencing decisions that impacted 1,000+ clinics across America.

**Data-Driven Strategy & Quality Improvement Intern** | *August 2025 - December 2025* | *Williamsburg, VA*

*Eastern State Hospital*

- Built Power BI and Excel dashboards that revealed previously untracked workforce inefficiencies (e.g. nurse turnover, excessive time in restraint), enabling leadership to implement changes that target root-cause issues.
- Conducted workforce retention analysis across departments and shift schedules, informing policy changes that reduced nurse turnover by 33%.

**Data Analytics Intern** | *June 2023- August 2023* | *Amesbury, MA*

*C-10 Research and Education Foundation (Non-profit that monitors the Seabrook Nuclear Power Plant)*

- Conducted in-depth data analysis of radiation level measurement disparities between C-10 and neighboring states using Excel, identifying a 314% variance in reporting standards that flagged potential risks in data accuracy.
- Prepared a report for the MA Department of Health's Environmental Health division, leading to a 10% increase in cross-state data verification protocols and a new policy ensuring consistent, reliable radiation tracking.
- Interviewed 13 public health officials across Massachusetts on KI pill distribution strategies, gathering insights on best practices and logistical challenges to improve emergency preparedness.

## CUSTOMER SERVICE EXPERIENCE

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**Head Shucker** | *May 2024- July 2025* | *Newburyport, MA*

*Brine Oyster*

- Shucked over 500 oysters per shift in a high-end, fast-paced restaurant, ensuring consistent quality and top-tier guest experience. Managed and trained members of the oyster-shucking team, ensuring efficiency and adherence to restaurant standards.

## AWARDS, SKILLS & INTERESTS

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**Awards/Recognitions:** Gold Key Recipient, Dean's List (3x), Class President (4x)

**Technical Skills:** Python, SQL, AWS (Lambda, S3, DynamoDB, Bedrock), PyTorch, React Native, Power BI, Tableau, Excel (advanced)

**Interests:** Eating Pizza, Attempting Marathons, Going to Cool Places, Vibe Coding