Brijesh Murugesan

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EDUCATION

North Carolina State University — **Raleigh, NC**
Incoming Undergraduate | Computer Science + Economics — Spring 2027 (Sophomore Standing) | Expected May 2029

Central Piedmont Community College (CPCC) — **Charlotte, NC**
Associate in Arts (Computer Science Pathway) — Degree Completion: December 2026
- **GPA:** 4.0/4.0

Cox Mill High School — **Concord, NC**
High School Diploma — Graduated May 2026
- **GPA:** 4.0/4.0

PROFESSIONAL EXPERIENCE

Greenridge Capital Partners — **Houston, TX (Remote)**
Investment Analyst Intern — September 2026 – Present
- Sourced and screened lower-middle-market private equity acquisition targets ($10M–$50M EV, $2M–$6M EBITDA), prioritizing independently owned businesses with strong acquisition fit
- Used Grata to identify and evaluate privately held companies on revenue, EBITDA, ownership structure, and recurring-revenue characteristics
- Developed investment theses across industrial automation, SCADA, industrial water treatment, and specialized B2B services, assessing business models, competitive positioning, and industry fragmentation

SeaFlux Technologies — **Ahmedabad, India (Remote)**
Software Engineering Intern — August 2026 – Present
- Built a proof-of-concept AI chest X-ray triage application, using React and FastAPI to connect the interface to ML inference that flags four findings (pneumonia/consolidation, pleural effusion, cardiomegaly, pneumothorax)
- Implemented configurable thresholds and escalation rules to support clinical prioritization, and delivered a technical demo to internal stakeholders

Amana Succession Partners — **San Mateo, CA (Remote)**
Incoming Deal Sourcing Analyst — Incoming
- Incoming role focused on acquisition target research, business-owner qualification, deal sourcing, and preliminary due diligence

RESEARCH & SELECTED PROJECTS

North Carolina State University — **Raleigh, NC**
Undergraduate Research Assistant, SAR Analysis (Prof. Mikhail Gilman) — June 2026 – Present
- Analyze before/after synthetic aperture radar imagery (~977 acquisition pairs) for environmental change detection and damage assessment
- Evaluate image alignment, acquisition geometry, incidence angle, azimuth, weather, and timing to separate meaningful surface change from imaging artifacts

Johns Hopkins University (BodyMaps) — **Remote**
Undergraduate Researcher, Medical Imaging (Prof. Zongwei Zhou) — August 2026 – Present
- Audited ~1,851 pancreatic CT report entries, finding lesion-size information missing in ~31.4%, to study how report completeness affects weakly supervised segmentation
- Exploring improved weighting of report-derived supervision signals using CT scans and radiology reports

Finance Operations Research (DECA) — **2026**
- Earned **2nd Place statewide** at the North Carolina DECA Career Development Conference, qualifying for the International Career Development Conference (ICDC)
- Conducted a finance operations research project examining Ally Bank's financial-services operations and opportunities for operational improvement

LEADERSHIP & ACTIVITIES

CPCC Student Government Association — **Charlotte, NC**
Central Campus Senator — September 2026 – Present
- Represent Central Campus students through student-feedback initiatives and efforts to improve academic resources, communication, and transfer support

SKILLS & TECHNICAL PROFICIENCIES

Finance & Investment Research: Deal Sourcing, Acquisition Target Screening, Investment Research, Industry Analysis, Market Mapping, M&A Research
Research & Analytics: Quantitative Research, Data Analysis, Dataset Evaluation, Competitive Research
Technical Tools: Microsoft Excel, Grata, Python (Intermediate), SQL (Intermediate)