

Zachary Charles Laborde

504.458.9918 — zachary.c.laborde@gmail.com — linkedin.com/in/zachlaborde — github.com/Zach-Attach

Education

University of North Carolina at Chapel Hill

Non-degree seeking

Chapel Hill, NC

Aug. 2019 - Present

Xavier University of Louisiana

B.S. in Psychology

New Orleans, LA

Aug. 2013 - May 2017

Louisiana State University

Worked towards a B.S. in Psychology

Baton Rouge, LA

Aug. 2012 - May 2013

Publications

Laborde, Z., Toler, W., Velhal, K., Farag, T., & Chakra, A. (2019). Method and System for Implementing a Holistic Umbrella Drone. *IP.com*. Retrieved from <https://priorart.ip.com/IPCOM/000257353>

Laborde, Z., & Cohen, J. (2016). Nostalgia and the Perception of Time. *XULAnEXUS*, 14(1), Retrieved from <https://digitalcommons.xula.edu/xulanexus/vol14/iss1>

Conference Presentations

Laborde, Z., Stephenson, D., Reiss, A., Beaton, E., & Cohen, J. (2017, March). *Anterior-Posterior Insular Cortex Bisection Plugin for Mango*. Poster session presented at the 24th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Laborde, Z., Heatherton, T., & Lopez, R. (2016, August). *You've Got a Friend in Me: Effects of People-based Cues on Amygdala, Orbitofrontal Cortex, and Dorsomedial Prefrontal Cortex*. Poster presented at the 2016 ASURE Poster Night, Hanover, NH.

Laborde, Z., Heatherton, T., & Lopez, R. (2016, July). *Learning to Lose Focus: Relationships Between Reward-Learning, Multitasking, and Distractibility*. Powerpoint presented at the 2016 Leadership Alliance National Symposium, Stamford, CT.

Laborde, Z. & Cohen, J. (2014, November). *Nostalgia and Time Dilation*. Powerpoint presented at the 12th Annual Charles A. Gramlich Psychology Research Symposium, New Orleans, LA.

Research Experience

Xavier University of Louisiana

Research Assistant

New Orleans, LA

Aug. 2014 - Jul. 2017

Professor Jeremy D. Cohen

- Designed, administered, and published a 20 person research study on nostalgia and the perception of time
- Developed several pieces of software, including one automating a 2-4 hour manual process

University of New Orleans

Research Assistant

New Orleans, LA

Aug. 2015 - Dec. 2016

Professor Elliot Beaton & Professor Jeremy D. Cohen

- Taught three members how to accurately trace the Insula using the Multi-image Analysis GUI (Mango) MRI program
- Created several shell scripts for transforming tensor neuroimaging data using Advanced Normalization Tools (ANTs)

Dartmouth College

Summer Undergraduate Laboratory Internship - Research Assistant

Hanover, NH

Summer 2016

Professor Todd F. Heatherton

- Compiled and analyzed gigabytes of 4-dimensional fMRI data using R, SPM, and FSL for correlations between the vmPFC, the reward network, and attention scores from tests developed in MATLAB

Work Experience

IBM <i>Full Stack Developer</i> Netcool Operations Insight - Artificial Intelligence Operations <ul style="list-style-type: none">- Developed features to automate event analytics analysis and prediction for operation engineers using machine learning	Research Triangle Park, NC Apr. 2020 - Present
<i>Full Stack Developer</i> IBM Cloud Event Management <ul style="list-style-type: none">- Developed two internationally-used mobile apps for both Android and iOS	Nov. 2018 - Apr. 2020
<i>Front End Developer</i> IBM Cloud App Management <ul style="list-style-type: none">- Created front-end visualizations of topological data and analytics	Apr. 2018 - Nov. 2018
<i>Site Reliability Engineer</i> IBM Hybrid Cloud <ul style="list-style-type: none">- Responded to high severity alerts related to several IBM cloud applications- Automated entire team, saving IBM approximately \$1,000,000/year	Jul. 2017 - Apr. 2018
Xavier University of Louisiana <i>Supplemental Instruction Leader</i> Psychology Research Methods Spring 2016, Fall 2016 <ul style="list-style-type: none">- Co-founded program with Professor Kate Eskine- Arranged interactive sessions to help students learn research methods	New Orleans, LA Jan. 2016 - Dec. 2016
Tastee Donuts <i>Assistant Manager</i> <i>Cashier / Cook / Fryer</i>	Metairie, LA Jun. 2015 - Feb. 2016 Jun. 2010 - Aug. 2012, Jun. 2013 - Jun. 2015
Louisiana State University <i>Archivist</i>	Baton Rouge, LA Aug. 2012 - Dec. 2012

Skills & Training

Languages: Java, JavaScript (Node, React, Angular), Matlab, Python, Ruby, R, Groovy
Applications: Advanced Normalization Tools, SPM, FSL, ITK-SNAP, Multi-Image Analysis GUI (Mango), Jupyter Notebooks
Software: Bash, Linux, BIOS, Git, LaTeX, Kubernetes, Docker, TensorFlow, Watson SDK, Jenkins, Hadoop, Spark
Team Management: Agile, Scrum, Design Thinking

Leadership Positions

IBM <i>Agile Workspace Super Champion</i>	Research Triangle Park, NC Dec 2018 - Present
IBM New Hire Network <i>Treasurer</i>	Research Triangle Park, NC Aug. 2017 - Aug. 2018
Speech & Debate Team - Xavier University of Louisiana <i>President</i> <i>Vice President</i> <i>Treasurer</i>	New Orleans, LA May 2016 - May 2017 May 2015 - May 2016 Aug. 2014 - May 2015
Speech & Debate Team - Louisiana State University <i>Treasurer</i>	Baton Rouge, LA Aug. 2012 - May 2013

Honors & Awards

Security and Privacy by Design Foundations Badge, IBM, 2019
IBM Cloud Private - Continuous Integration/Continuous Delivery Badge, IBM, 2019
Jumpstart Scholar, IBM, 2019
Manager's Choice Award, IBM, Q1 2018, Q1 2019
People's Choice Award, IBM Developer SLAM, 2018
IBM Developer Jumpstart - Explorer Badge, IBM, 2018
IBM Developer Jumpstart - Practitioner Badge, IBM, 2018
Deep Learning Badge, IBM, 2018
Docker Essentials with Watson Conversation Badge, IBM, 2017
IBM Cloud Essentials Badge, IBM, 2017
Enterprise Design Thinking Practitioner Badge, IBM, 2017
Who's Who Among Students in American Universities and Colleges, 2017
1st Place, Xavier-Dillard Coding Competition, 2017
Dean's List, Xavier University of Louisiana, Fall 2015, Spring 2016, Spring 2017
National Semifinalist in Impromptu Speaking, Forensics Novice Nationals, 2013
National Semifinalist in Impromptu Sales, Forensics Novice Nationals, 2013
National Competitor in Extemporaneous Speaking, American Forensics Association's National Individual Event Tournament, 2013

Volunteer Experience

St. Augustine High School Debate Coach
70+ hours

New Orleans, LA
Aug. 2015 - May 2017