

RYAN BEAUCHEMIN

CONTACT

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EXPERIENCE

DEC 2017 - CURRENT	Senior Data Scientist, <i>Lowe's Home Improvement</i> In the senior role I have had the opportunity to hire and grow a team of 10 to handle requests from Lowe's Digital, building out a best-in-class product recommendations system, adding enhancements to the Fusion search engine, creating a dynamic navigation experience, all while leading an elite team to build out an Assortment Optimization toolkit for Merchandising.
FEB 2017 - DEC 2017	Data Scientist, <i>Lowe's Home Improvement</i> Switching from a dot com support to enterprise-wide support, I had the opportunity to interview and hire new coworkers and start a new data science group. The enterprise shift led us to open many new connections and work on projects across the organization.
AUG 2015 - FEB 2017	Data Analyst / Web Analyst, <i>Nabler / Lowe's Home Improvement</i> On the Personalization and Optimization team at Lowe's Home Improvement's dot com division, I created algorithms utilizing product and user data to provide visitors with intelligent and personalized recommendations. I also created a feedback loop trained on orders, cart additions, and revenue to optimize the experience.
JUN 2014 - AUG 2015	Research Assistant, <i>UNC Physics and Astronomy</i> As a part of the RESOLVE team under Dr. Sheila Kannappan, I have been trained in dynamic observation, reduction of data, and instrumentation for the 4.1-meter Chilean SOAR telescope, and my research involved determination of three dimensional information from two dimensional projections.
JAN 2014 - AUG 2014	Research / Teaching Assistant, <i>UNC Physics and Astronomy</i> In Dr. Dan Reichart's group, I helped in the creation of the largest database for Gamma Ray Burst afterglows, working heavily with spreadsheets and data manipulation in a massive SQL database. I was also an assistant in the lab component of the Introductory Astronomy course at UNC.
JUN 2013 - OCT 2013	Research Assistant, <i>Astronomy Research Center</i> I designed informative videos using iMovie and Keynote, gave presentations on solar phenomena with an H α filtered solar telescope, and developed tools to determine intrinsic properties of spiral galaxies. In 2017, our team was featured with an image I took of the first discovered double Hoag's galaxy .

EDUCATION

2022	MS Computer Science, <i>Georgia Institute of Technology</i>
2015	BS Physics, <i>University of North Carolina at Chapel Hill</i>

PROFICIENCIES

Languages	JavaScript, Jenkins, Node, Python , React, Regex, SQL/HiveQL, Spark, Shell in Linux, Mac OSX, and Windows environments
Tools	Alteryx, dBeaver, Git, Jupyter, La TeX, Libre/MS Office, Zeppelin