

# Christopher Biemer

Backend Developer  
Creative Problem Solver  
Market Researcher

[Chrisbiemer.github.io/CB](https://github.com/Chrisbiemer)  
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## Education:

*Northwestern University* | 24-Week Web Application Development Course (August 2017 - March 2018)  
Curriculum: JavaScript, jQuery, Node.js, React.js, MySQL, Python, MongoDB, Python, HTML5, CSS3\*

*Loyola University Chicago | Quinlan School of Business* (August 2013 - May 2017)  
Curriculum: Econometrics, Financial Analysis, Information Systems, Accounting, Strategy  
Economics, BBA | **Cum Laude** | GPA: 3.647/4.000 | Major GPA: 3.800/4.000

## Work Experience:

*Specialdocs Consultants, LLC* | Marketing & Sales Data Analyst (April 2018 - July 2018)

- Audited extensive Quickbase databases while changing data collection processes to facilitate future analytic research initiatives.
- Worked with the Chief Executive Officer, Vice President of Sales, Marketing Director & Vice President of Public Relations to develop a Sales & Marketing dashboard tracking the effectiveness of internal and external spending efforts.
- Used Tableau, R, Python, Adobe Creative Cloud, iMovie and Microsoft Office to develop supplementary marketing materials including data visualizations, graphics, short films and mathematical estimations.

*Barbara O'Brien for Denver Public Schools Board* | Inside Sales Campaign Support (October 2017 - November 2017)

- Assisted a winning campaign in encouraging a properly-educated voter turnout.
- Responsive communication across multiple platforms to plan and perfect phone call tactics.
- Data reporting in Microsoft Excel to calculate estimated turnout- and conversion-rates.

*DUOS Project @ Quinlan School of Business* | Paid Database Design Internship (March 2016 – August 2016)

- Developed a relational database of the experimental components cited in published economic research journals, including databases, variables, variable values, methodologies, equations, time periods and findings.
- Communicated with management and peers to design data entries in a “quote-perfect” way that facilitated artificial intelligence applications in learning how to scan additional papers for experimental components without human involvement.
- Reviewed advanced computational methods involving Linear Algebra, Calculus & Statistics.

*Whole Foods Market* | Seafood Sales & Customer Service (June 2014 to April 2016)

- Educated customers on the environmental- and health-conscious practices of Whole Foods Market's seafood suppliers to work toward daily & weekly sales goals.
- Voted into a team where I worked directly with management and peers to balance out coverage of our department.
- Moved from \$10.00/hour to \$12.00/hour across my tenure.

## Projects:

- Matrix Multiplication Calculator with Command-Line UI/UX (Python 3, Bash) [Repository: [goo.gl/3X2To3](https://github.com/Chrisbiemer/3X2To3)]
- Quantitative Harmonic & Rhythmic Analysis (Microsoft Excel, Mathematics) [Sample: [goog.gl/tiKvFN](https://github.com/Chrisbiemer/tiKvFN)]
- Derivative & Integral Calculator with Command-Line UI/UX (Python 3, Bash) [Repository: [goo.gl/13KfWN](https://github.com/Chrisbiemer/13KfWN)]
- Hokusai Memory Game, React.js-based Web Application (React.js, Bootstrap) [Live App: [goo.gl/xDqVVL](https://github.com/Chrisbiemer/xDqVVL)]
- Backend Developer, Game-On Pickup Sports Scheduler (MySQL, Node.js, Cookies) [Live App: [goo.gl/d8oxUm](https://github.com/Chrisbiemer/d8oxUm)]
- Custom Database Designs for Messaging, Purchasing & Content Sharing (ERD Plus) [Schematics: [goo.gl/nG6ddV](https://github.com/Chrisbiemer/nG6ddV)]
- Internet Availability vs. Art Museum Attendance (Undergraduate Econometrics Research) [Article: [goog.gl/Ghyx2D](https://github.com/Chrisbiemer/Ghyx2D)]
- Crayonbox, Event Information Web Application (Leaflet, Zomato, SVG Animation) [Live App: [goo.gl/ddPqr9](https://github.com/Chrisbiemer/ddPqr9)]
- Historic Art Movement-themed Trivia Game Web Application (JavaScript, Bootstrap) [Live App: [goo.gl/m3MmjW](https://github.com/Chrisbiemer/m3MmjW)]
- Analysis of the Creative Class in Austin, Texas (Urban Economics, Business Writing) [Sample: [goo.gl/5CDnEJ](https://github.com/Chrisbiemer/5CDnEJ)]
- Machine Learning Algorithm Development to Predict User Credit Scores (R, Tableau) [Article: [goo.gl/6FqX8P](https://github.com/Chrisbiemer/6FqX8P)]
- Tableau Heat Maps for an Undisclosed Marketing Campaign in Atlanta, Georgia (Tableau) [Link: [goo.gl/5WNhQa](https://github.com/Chrisbiemer/5WNhQa)]
- Copywriting Sample Covering the Guttmacher Institute of Reproductive Health [Article: [goo.gl/cBE7vR](https://github.com/Chrisbiemer/cBE7vR)]
- Visuals for a Public Speech Covering the Surrealist Movement of Paris, France [Powerpoint: [goo.gl/qtf741](https://github.com/Chrisbiemer/qtf741)]

## Extracurricular:

Black Belt I & II [[American TaeKwonDo Federation](https://www.american-taekwon-do-federation.com)], President [[Economics Forum](https://www.economicsforum.org)], Jazz Guitar [[Frank J. Rumoro](https://www.frankjrumoro.com)]