

Kevin McHugh

(570) 592-2372 | Philadelphia, PA | kevinmchugh00@gmail.com | <https://www.linkedin.com/in/kevinj622/>

Hardworking, passionate, and motivated former Behavior Analyst with over 9 years of experience working with individuals with disabilities. Transitioning into career in technology and software development. Seeking an opportunity to leverage problem solving skills and the ability to exercise patience to jumpstart my career in technology to help change people's lives.

Technical Skills:

- **Object-Oriented Programming** – Java
 - **Web Application Development** – JavaScript, Vue, HTML5, CSS3, Servlets, Spring Web MVC, Tomcat, JSP
 - **Database Programming** – JDBC, Table Design, SQL, PostgreSQL
 - **Development Tools and Techniques** – Unit Testing, Integration Testing, TDD, Git, Eclipse, VS Code, Agile
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Technical Experience:

- **Vending Machine Software** – Used Java programming, and File I/O, to create a command line interface that allows the user to input money, select items from the vending machine, and returns the change to the user.
 - **National Park Registration** – Wrote registration program using Java, PostgreSQL, and JDBC, developed as a command line interface which allowed user to select a park, and book a reservation from available campsites.
 - **National Parks Weather Service Application** – Created web application page where users can view a list of National Park information, vote on their favorite National Park, and view the 5-day forecast for the chosen park. The application was developed using Java, PostgreSQL, HTML5, CSS3, Spring Web MVC, and JDBC.
 - **Virtual Stock Trading Game** – Created full-stack web application where users could invite other players to the game, buy and sell stocks using real stock information pulled from a public API, and when the time ran out, the user with the highest net worth would be declared the winner. Developed using Java, PostgreSQL, JavaScript, CSS, Vue, and JDBC.
 - **Fantasy Football Articles** – Utilized WordPress and SEO to produce content for sports website.
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Education:

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| Tech Elevator – Philadelphia, PA | <i>January 2020 - May 2020</i> |
| Attended a 14-week coding bootcamp learning the Java programming language to develop dynamic web-based programs and applications. | |
| Saint Joseph's University – Philadelphia, PA | <i>May 2015</i> |
| Master in Criminal Justice with a Concentration in Behavior Analysis | |
| Pennsylvania College of Technology – Williamsport, PA | <i>May 2010</i> |
| Associate in Paralegal Studies | |
| Lock Haven University – Lock Haven, PA | <i>May 2008</i> |
| Bachelor of Science in Criminal Justice | |

Professional Experience:

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| Y.A.L.E. School, Ellisburg – Board Certified Behavior Analyst | <i>May 2017 - January 2020</i> |
| <ul style="list-style-type: none">• Created and implemented behavioral strategies to help students with disabilities succeed in a classroom.• Collaborated with behavior analytic team to ensure optimal staff placement and classroom roster design.• Implemented data collection systems to track student progress to ensure behavior plans were effective.• Helped students transition back to district placement.• Served on a behavior team that reduced school-wide behavioral incidents by 20% from years 2018 to 2019. | |
| Brett DiNovi & Associates, LLC – Clinical Associate | <i>April 2015 - April 2017</i> |
| <ul style="list-style-type: none">• Collaborated with Behavior Analysts in the implementation of behavior support plans in school and home.• Trained parents in crisis management techniques to prevent hazardous situations in home and public settings. | |
| Y.A.L.E. School, Cherry Hill – Teaching Assistant | <i>September 2012 - April 2015</i> |
| <ul style="list-style-type: none">• Worked as teaching aide, implemented data collection systems in classroom to assist with formulation of a behavior plan for students with disabilities.• Participated in emergency physical interventions when necessary. | |
| Garfield Park Academy – Classroom Facilitator | <i>October 2011 - August 2012</i> |
| <ul style="list-style-type: none">• Assigned as a one-on-one facilitator for student in specialized school for individuals with behavioral challenges.• Ensured behavior program and individual student behavior plan were implemented correctly. | |