William R. Fay
SOFTWARE DEVELOPER

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OBJECTIVE

As an innovative software developer experienced in the full software development lifecycle, I am seeking a role as a Software Engineer. I am goal-oriented, collaborative, and creative with a growth mindset and passion for development and learning on all levels. I recently completed a software development bootcamp and look forward to utilizing the skills honed in the bootcamp and self-directed learning conduits in a professional setting.

EDUCATION

Software Development Certificate	Burlington Code Academy at Upright Education	2023
Masters of Arts in Teaching - Secondary English Instruction	University of Vermont	2021
Bachelor of Arts - English	St. Olaf College	2016

TECHNICAL SKILLS

JavaScript	HTML/CSS	Node.JS	React	Next.JS	Python
Git/Github	APIs	MongoDB	Express	Visual Studio Code	Office Suite

TECHNICAL PROJECTS

Burlington Code Website Build-Out | Next.JS, React.JS, MongoDB, Visual Studio Code, CSS, HTML, Figma
- Designed and developed Burlington Code website that allows event spaces to post vacancies and code-related events to fill vacancies using MongoDB Atlas as the database layer. Collaborated with cohort in order to execute design and function.

Zorkington | JavaScript, Node.JS, Visual Studio Code, Object Oriented Programming
- Haunted house themed game—based on Zork—that utilizes object oriented programming and JavaScript to prompt the user with a series of circumstances that they must navigate through.

Jeopardy Game | JavaScript, Node.JS, HTML5, CSS3, Node.JS, Visual Studio Code, Object Oriented Programming
- Web-based game that emulates Jeopardy. The game includes multiple pages that the user is guided through via JavaScript DOM queries, and questions are retrieved from an object of questions and categories. The pages are formatted with CSS grid.

PROFESSIONAL EXPERIENCE

Teaching - Various Positions	**August 2020 - November 2022**
Long Term Substitute - English	Pennsbury School District	August 2022 - November 2022
Virtual Support Teacher	Pennsbury School District	October 2021 - August 2022
Student Teacher - English Language Arts	Mount Abraham Union High School	August 2020 - May 2021

- Prepare and adapt lesson plans while keeping in line with district guidelines for 9th and 10th grade curriculum
- Evaluate class-wide learning trends to determine effective teaching strategies and assess student needs individually through formative and summative data in order to foster an equitable learning environment
- Collaborate with special educators/counselors to modify curriculum for special education students according to IEP's
- Developed Virtual Support Teacher position by implementing key functions and processes to support students who were remote due to COVID and adhered to IEPs for students in order to foster individual growth and ensure equity in the classroom
- Corresponded clearly and effectively with students, families, and teachers remotely and in person in order to ensure students were supported during quarantine periods due to remote learning
- Maximized accessibility for students and engaged with families by utilizing learning tools, such as Canvas and PowerSchool
- Implemented Common Core standards to set discipline-specific and habits of work learning targets for students
- Analyzed student evaluation data to tailor lessons, units, and courses for student success

Fundraising - Various Positions	**February 2017 - June 2020**
Development Coordinator - Heart Ball	American Heart Association	July 2019 - June 2020
Stewardship Coordinator	Villanova University	October 2018 - June 2019
Coordinator & Associate, Fundraising Support	National MS Society	February 2017 - October 2018

- Provided administrative support for Development Directors, assisted with fundraising, mailings, copywriting, and editing for fundraising/marketing materials in collaboration with Communications Team
- Maintained databases of individual donor and corporate sponsorship information to report event fundraising totals
- Coordinated aspects of event planning for multiple cultivation events by procuring venues, caterers, coordinating volunteers, organizing vendor meetings, and day of event logistics and trained Associates for high-volume event season
- Developed workbooks to collect and record vital event information of guests, program book, volunteers, and auction for the 700+ attendee Philadelphia Heart Ball
- Provided constituents with exceptional customer service, and assisted with fundraising account organization by submitting fund transfers, entering new gifts, and providing event and technical support
- Communicated questions and answers to National MS Society peers located in various regions throughout the U.S., and collaborated on solutions to discrepancies within the website as well as constituent concerns