

Parker Greenwell

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PROFESSIONAL EXPERIENCE

Full Stack Developer

April 2023 –Present

SpringMicro Host

Remote, Part Time

- Developed time-management program using React through Next.js, contributing to improved efficiency for employees and customers.
- Managed data schemas in Postgres database through Prisma ORM, ensuring data integrity and scalability.
- Collaborated with team members using GitHub Repositories, fostering a culture of code review and knowledge sharing.
- Led the development of project and employee management system, demonstrating strong leadership and problem-solving skills.

Physics Teacher

February 2019 –Present

Mountain View High School

Orem, UT

- Created curriculum for AP Physics and Physics courses, incorporating educational technologies such as Vernier Probes and PHP programming language.
- Instructed and mentored over 200 students annually, achieving a 90% pass rate and surpassing national averages in AP Physics 1 test scores.
- Participated in District Cohorts to develop curriculum aligned with Utah SEEd Standards, collaborating with fellow educators to enhance student learning outcomes.
- Advised Technology Skills Association, Robotics Club, and eSports Club, fostering student engagement and leadership development.

Research Experience for Teachers

June –August 2021

Brigham Young University

Provo, UT

- Assisted in the research of nanomagnetism of CoPt multilayers for the ongoing research of Dr Karine Chesnel
- Collected 10,000+ data points and constructed graphs and figures to be inserted into a paper to be published
- Operated Vibrating Sample Magnetometer, Atomic Force Microscope, and Magnetic Force Microscope

Physics Teaching Assistant

January 2017 – April 2019

Brigham Young University

Provo, UT

- Adapted teaching style to accommodate the specific learning styles of students
- Taught 30+ college students weekly by hosting TA hours, explaining complex concepts, and reviewing assignments
- Initiated student interaction and mediation between students and teachers to enhance learning
- Collaborated with professor and coworkers to ensure students are understanding material
- Prepared, delivered and set up demonstrations used by professors

Youth Counselor

Summers 2017 –2019

Especially For Youth

Provo, UT

- Ensured the physical safety and uplifting experience of 30-70 teenagers each week
- Taught both in group settings and on one on one situations
- Worked with leaders to improve as leader and a teacher

EDUCATION

Full Stack Coding Bootcamp

March 2023

University of Utah

Salt Lake City, UT

- Developed real-world projects in teams, utilizing technologies such as React: Next.js and Flask.
- Project Highlights:

- [Concert Finder](#): Implemented user-friendly interface for discovering concerts based on user preferences.
- [Meal Planner](#): Designed interactive meal planning application to assist users in creating customized meal plans.
- [Kanban Board](#): Built collaborative task management tool for organizing and prioritizing tasks within teams.

Bachelor of Science, Physics Education

April 2019

Brigham Young University

Provo, UT

- GPA 3.62
- Recipient of T.H. Bell Grant, Physics General Endowment, Dick Hales Physics Teaching Scholarship

SKILLS

- Languages: JavaScript (including TypeScript), Python, PHP, HTML
- ORMs: Prisma (Postgres), Sequelize (MySQL, MongoDB)
- Styling: CSS (including Vanilla, Bootstrap, Bulma, Tailwind), Material UI
- Frameworks: React: Next.js, Flask

VOLUNTEER EXPERIENCE

Society of Physics Students Outreach Officer

May 2016- April 2019

Brigham Young University

Provo, UT

- Prepared and constructed demonstrations of physics principles
- Presented physics shows for groups of children in library and youth group settings

Volunteer Representative

June 2013-June 2015

Church of Jesus Christ of Latter-day Saints

Kennewick, WA

- Scheduled and delivered weekly lessons on life skills and behavioral habits
- Created and met short and long term goals with group of other representatives
- Improved communication and leadership skills by training other missionaries in weekly meetings

Eagle Scout Recipient

January 2012

Boy Scouts of America

- Collected and shipped donations for injured soldiers and refugees in Afghanistan
- Flag flown in my honor from the tail of a C-17 Aircraft

INTERESTS

- **Improv Comedy**: Vice President of Laugh Out Loud Improv Comedy at BYU, performed in multiple competitions and venues. Performer at ImprovBroadway and Comedy Sportz.
- **Music**: Proficient in playing various musical instruments, including piano, guitar, and violin, with experience in songwriting and performance.
- **Exercise and Fitness**: Regular participant in Spartan Race and other endurance events, emphasizing commitment to personal health and wellness.