

Christopher Brenberg

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SUMMARY

I am a full stack software developer with ten years professional experience in the field of science education and a proven track record of adaptability, collaboration, and communication. I thrive when presented with work that challenges me with analytical thinking, creativity, new learning, and problem solving.

SKILLS

React	AngularJS	HTML	C#
Redux	Node.js	CSS	GraphQL
PostgreSQL	Express	jQuery	
Javascript	MongoDB	Bootstrap	

SOFTWARE EXPERIENCE

Prime Digital Academy • Student: Software Development

July 2018 – November 2018

- Learned to quickly apply new technologies and frameworks to solve real-life problems in a highly challenging, experiential, and supportive learning environment.
- Built relationships with like-minded individuals through classmates, alumni, mentors, and attendance at events including MinneDEMO, Angular, and React meetups.
- Practiced the skills necessary to succeed in software development, including communication, creative problem solving, collaboration, public speaking, and lifelong learning.

Independent Project: Coquelet Bleu Coffee

- Built a web app and admin portal for the owner of Coquelet Bleu Coffee, a custom small batch coffee roaster based in Minneapolis, MN
- Created a single page React application allowing customers to directly place custom orders for a single batch of freshly roasted coffee beans and allowing the business owner to manage inventory, process orders, and communicate with customers.
- Technologies: React, Redux, PostgreSQL, Node, Express, HTML, CSS, Stripe API

Collaborative Group Project: TrapScore

- Designed, built, and deployed a full stack trapshooting event management application in collaboration with a team of three colleagues in consultation with client Sawyer Matthiesen.
- Created software to allow trapshooting event coordinators to schedule events, manage shooter participation and schedules, track scores, and automate SMS notifications to make competitive trapshooting events run more efficiently.
- Technologies: React, Redux, Redux-Sagas, PostgreSQL, Node, Express, Twilio API

PROFESSIONAL SKILLS

TEACHING AND INSTRUCTION

- Maintained the SAGE Academy website by adding news events, board policies, meeting minutes, and other updates as required by administration and the chartering organization through a content management system and basic HTML.
- Incorporated iPads and Chromebooks into daily lesson planning to foster development of 21st century skills through use of web data, realtime collaboration tools, and digital workflows.
- Advised and mentored a high school senior in creating and teaching an intensive two week web development elective course using Wix and fundamental HTML concepts.
- Collaborated with colleagues through co-teaching, grade level lesson planning, team meetings, and Professional Learning Communities to support students' behavioral, emotional, and academic needs.
- Participated in new staff on-boarding, mentorship, and evaluative cycles, using professional feedback to improve classroom management and instructional strategies while building a greater understanding of equity and best practices in teaching.

COMMUNICATION

- Conducted parent-teacher conferences in both Spanish and English twice yearly as a public school teacher to provide insight into students' academic progress and overall wellbeing in a school setting.
- Communicated daily with colleagues, administrators, and support staff by phone, email, and in departmental, all-staff, and special education meetings to address academic and behavioral concerns.
- Collaborated daily with a bilingual staff at Joyce Preschool in both Spanish and English to plan lessons and school events and utilize best practices in early childhood education.

CURRICULUM DEVELOPMENT

- Developed curriculum for between three and seven sections of Biology, Chemistry, and Physical Science courses each school year with an emphasis on experiential, project-based learning activities.
- Created common curriculum resources for cross-district science department workgroups in two of Minnesota's largest school districts.
- Independently developed a sequence of hands-on and service-learning activities for a youth development program meant to build awareness of water quality concerns in the Mississippi River watershed and provide work direction for participating youth.

ENVIRONMENTAL EDUCATION

- Presented hour-long talks to visiting groups of 30-200 students and adult chaperones approximately once per month on the topics of invasive species and astronomy.
- Participated as a member of Hartley Nature Center's Environmental Stewardship Committee to assist in developing the organization's five year plan for submission to the City of Duluth.

WORK HISTORY

Minneapolis Parks and Rec Board • Educator	June 2018 – August 2018
ISD 196 and ISD 197 • Substitute Teacher	October 2017 – June 2018
Bloomington Public Schools • 6th Grade Science Teacher	August 2016 – June 2017
SAGE Academy High School • Biology/Chemistry Teacher	August 2015 – June 2016
Minnetonka Public Schools • 7th Grade Science Teacher	August 2014 – June 2015
Joyce Bilingual Preschool • Lead Teacher	August 2012 – May 2014
Hartley Nature Center • Americorps Member / Naturalist	August 2010 – August 2012
Eagle Bluff ELC • Graduate Naturalist	August 2008 – August 2010

EDUCATION AND PROFESSIONAL DEVELOPMENT

Full Stack Software Engineering Certificate • Prime Digital Academy
Graduate Certificate: Teaching & Instruction • The College of St. Scholastica
Graduate Certificate: Environmental Education • Hamline University
Bachelor of Arts: Environmental Studies
Bachelor of Arts: Spanish

OTHER INTERESTS

Outdoor Recreation: Camping, Hiking, Boundary Waters Canoe Area, Nordic Skiing
Music: Piano, Guitar, Banjo. Occasionally play at weddings and local music venues.