Benjamin Peck

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I am a full-stack software engineer taking my wide background of creativity, versatility, coachability, hard work, ongoing learning, communication, and critical thinking into the depths of programming. Coming from the worlds of music and philosophy, I aim to collaborate with a team of talented engineers and make well-thought and beautiful contributions wherever I am.

TECHNICAL SKILLS

Web Development Languages and Frameworks:
JS ES6 || React || Python 3 || Vue || Redux || HTML 5 || CSS 3 || Styled-Components
Relational and Non Relational Database Creation and Management:
Django || Postgres || Sequelize || SQL || Node.js || Express || MongoDB || Mongoose || Mongosh || Insomnia || Postico
Other Techs:
JWT Auth || Git || GitHub || Markdown || Heroku || Surge || Netlify || Draw.io || Whimsical || Trello || Squarespace || MailChimp
Microsoft Office (Word, Excel, PowerPoint) || iWork (Pages, Numbers, Keynote) || GoogleSuite (Drive, Docs, Sheets, Slides)
CRMs:
Salesforce || Delphi || ZohoCRM

SOFTWARE DEVELOPMENT PROJECTS   November 2021 - Present

Chore Chart
- Engineered a product where users can create an account, join an existing household or create their own, and keep track of chores for the whole household.
- Carefully strategized each step by making an ERD, component hierarchy diagram, and plan of attack in Trello.
- Utilized Python, Django, and ReactJS to program a full-stack application with full CRUD operations (create, read, update, delete) hitting all REST API calls.
- Included three Django Models in a relational database, including a Django custom user extension.
- Implemented JWT Authorization in Django and React for a secure user interface.
- Deployed the backend database on Heroku and front end app on Netlify at chorechart.netlify.app.

Creature Collab
- Collaborated with three other team members to build a full-stack web app for mythical creatures to create, host, and attend events. Users can create a profile for their character (be it their gaming avatar, D&D persona, LARP alias, or another mythical creature) and discover events with like-minded characters.
- Maximized collaborative environment with Git branches, code review, and team debugging to invent, plan, and execute technical decisions and solutions, using tools such as Trello to track production and Whimsical for an ERD and component hierarchy diagram.
- Utilized a PERN stack (PostgreSQL, Express, ReactJS, NodeJS) to build a full-stack application with full CRUD operations hitting all RESTful API calls.
- Demonstrated leadership in the group (dubbed "The Voice of Reason"), coding in all phases of the project, specializing particularly in the SQL/PostgreSQL/Sequelize/Express/Node backend architecture for this project, testing all routes in Insomnia prior to front end implementation, including three models in a relational database with one as a join table.
- Implemented JWT Authorization in Sequelize and React for a secure user login experience.
- Deployed the backend database and front end app on Heroku at the-creature-collab.herokuapp.com.

Good Dad Bad Jokes
- Created a jokes web app where users can immediately enjoy jokes being pulled from the back-end database or sign up to "like" their favorite jokes and contribute their own jokes to the database.
- Planned each step of the project in Trello, made an ERD and component hierarchy diagram in Draw.io in order to strategically reach project goals.
- Utilized a NoSQL MERN stack (MongoDB, Express, React, Node) to implement full CRUD routes for users to create, read, update, and delete their own data, as well as read and add "likes" to other users' jokes.
- Prior to learning JWT Authorization, implemented mock authorization for conditional rendering of a logged-in experience.
- Implemented CSS animations for an engaging, fun design.
- Git repo can be seen at github.com/benjaminobambino/good-dad-bad-jokes

PROFESSIONAL EXPERIENCE

Mr & Mrs Something: Musician/Songwriter/Performer   **July 2012 - Present**
- Weaving the soulful passion of blues and rock with the honesty of folk to offer a refreshing taste of hope that feels like coming home.
- Writing, recording, and performing original music to encourage and challenge listeners, while offering a warm, musical hug.
- Booked house shows and other performances that led to touring nationally for several years.
- Writing and producing several film soundtracks and children's curriculum albums.
- Producing and engineering other artists' projects.

Advent Anglican: Director of Music and Liturgy   **June 2020 - March 2022**
- Maintained a deeply-rooted tradition while also introducing new expressions of worship to effectively serve a diverse group of people.
- Built, organized, trained, scheduled, and led teams of musicians and sound volunteers for remote and in-person collaboration—oversaw audio production, visual transitions, and content to provide a service that is both easily participatory for congregants, and clear and accessible for volunteers and fellow staff.
- Selected songs, created arrangements, prepared sheet music, directed a team of musicians in rehearsal, and performed music in order for congregational singing to take place seamlessly and comfortably during in-person services.
- Prepared, performed, engineered, and produced recorded music for remote worship services to better serve those unable to gather in person.
- Created bulletins to allow for greater congregational participation and clarity.
- Continually assessed and improved service flow in order to minimize unwanted distractions.
- Met regularly with the staff to evaluate and improve organizational vision and overall effectiveness of different areas of ministry and the people they served; met regularly with parishioners for emotional and spiritual support.

Chess4Life: Lead Chess and Robotics Coach   **March 2014 - January 2017**
- Taught kids life skills through chess in a way that equipped them for healthy relationships, stellar school performance, strategic goal-setting, disciplined thinking, and great chess.
- Ran beginner, intermediate, and advanced chess classes, after-school programs, and camps in order to provide for company and student needs.
- Trained and supervised other coaches in order to ensure best practices that benefit the students and equip the coaches.
- In order to meet demand, developed a robotics camp course that became the model for future camps—trained other robotics coaches to ensure consistent quality, sustainability, and replicability of the program.

Wayne Foster Entertainment: Audio and Lighting Technician   **November 2009 - April 2011**
- Exemplified a "whatever-it-takes" attitude and work ethic to ensure objectives were accomplished.
- Assembled stages and sound and lighting systems with speed and precision.
- Worked as a stagehand and/or lighting technician during performances.
- Solved field problems with teamwork and innovation.

EDUCATION

General Assembly
Software Engineering Immersive   2022

Azusa Pacific University
Bachelor of Arts in Philosophy, minor in Religion, Certificate of Distinction in Philosophy   2009

University of Oxford: New College
Study Abroad while continuing studies in Philosophy, Literature, History, and Anthropology   2008