|  |  |
| --- | --- |
| Bryan Birch | emtbirch@gmail.com • 970-291-1377  [GitHub](https://github.com/Shifty-eyed-llama) • [LinkedIn](https://www.linkedin.com/in/bryan-birch-a998b11ab/)• Seattle, WA |
|  |

**Qualifications Summary**

Knowledgeable recent graduate with demonstrated success excelling in dynamic, fast-paced environments and extensive knowledge of software development technologies and processes. Proven talent building quality applications and commitment to exceeding organizational goals in a Software Engineering role.

|  |  |
| --- | --- |
| Software Development   * Functional knowledge of numerous programing languages and web development technologies. * Exceptional skills in full stack web development and application design.   Teamwork   * Experienced in teamwork and coordinating projects across multidisciplinary teams. * Quick learner practiced in cross-functional collaboration and understanding new technologies. | Project Completion   * Proven success developing software solutions that meet client scope and timelines. * Skilled at gathering technical specifications and analyzing project requirements.   Communication   * Practiced in interpreting user needs and converting into actionable development items. * Established capabilities in client communication and translating information to non-technical stakeholders. |

**Technical Proficiencies**

|  |  |
| --- | --- |
| Languages: | Python, C#, HTML, CSS, JavaScript |
| Framework/Libraries: | React, Express, Node.js, ASP.NET, Django, jQuery, Bootstrap |
| Additional Tools: | AWS, MERN, VS Code, Postman, MySQL, SQLite, MongoDB, REST API, Ajax |

**Professional Experience**

**Multiple Engagements, Seattle, WA 9/2020 – Present**

**Software Engineer, Freelance**

Design and deploy engaging applications meeting client scope and exceeding expectations. Communicate with stakeholders to gather project requirements, translate into actionable development scope, and conceive appropriate solutions. Oversee project planning, establishing workflows and producing results that meet client needs.

* Leveraged knowledge of RESTful APIs, Python, and SQL to implement applications that exceeded client expectations.
* Launched [TimeKeeper](https://github.com/Shifty-eyed-llama/time_keeper), collaborating within team to deliver Django application allowing users to track working time on projects, employing MySQL for user proﬁles, project lists, and cumulative project time.
* Boosted application security by implementing BCrypt and client-side validations.
* Piloted front-end development, utilizing Jinga templating to create engaging and responsive UI.
* Led troubleshooting and issue resolution, utilizing available tools and resources to assess risks, solve problems, and debug code.

**Coding Dojo, Code Intensive Bootcamp, Seattle, WA 6/2020 – 9/2020**

**Full Stack Software Development Student**

Gained functional knowledge of software engineering and development life cycle, as well as software development strategies and best practices. Developed and implemented software solutions in individual and group projects, utilizing new programming skills and development methodologies.

* [Blood Donor Manager](https://github.com/Shifty-eyed-llama/bloodmnger): Completed full stack development of application tracking type, cross match, donors, and recipients within searchable database, empowering users to find potential matches; integrated password hashing and client-side validations to optimize information security. *Technical Scope: C#, Entity Framework Core, LINQ, MySQL.*
* [Farmers Market](https://github.com/Shifty-eyed-llama/farmersmarket): Created MERN application empowering users to shop for locally sourced food and products, designing responsive website allowing for selected product viewing. *Technical Scope: MongoDB, Express, React, Node.js, Axios, REST API.*

**Swedish Medical Center / Alaska Native Tribe Health Consortium / Dartmouth - Hitchcock, Seattle WA / Anchorage, AK / Lebanon, NH 8/2017 – 5/2020**

**Registered Nurse / Charge Nurse**

Partnered with patients and doctors to assess and diagnose patients, strategizing and implementing care plans to achieve goals and optimal outcomes. Respond to patient and family questions in a timely manner, providing information to cultivate learning environment across medical staff and students.

* Led effective teams as Charge Nurse, managing unit through shift, assisting team to resolve issues, delegating and prioritizing tasks, and directing workflows to coordinate care with inter-departmental staff.
* Established plan for ongoing professional development, completing new trainings and increasing knowledge across disciplines.
* Trained nursing school students and new graduates in ICU, teaching nursing procedures, policy, critical thinking, and time management skills.
* Played key role guiding culture of inquiry and continuous learning, integrating and disseminating research and evidence-based practice.

*Additional Experience as Intensive Care Nurse at Baylor Scott & White Health, as well as various travel nursing assignments.*

**Education**

**Certiﬁcation in Computer Science, 2020**

Coding Dojo, Seattle, WA

**Associate of Science in Nursing Science, 2013**

Colorado NorthWestern School of Nursing, Steamboat Springs, CO