BLAISE SCHAEFFER

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SUMMARY

Collaborative leader with five years of experience in the health technology industry and highly proficient in multiple programming languages. Industrious full-stack software engineer commended for contributing to innovative software solutions to meet business demands and needs. Skilled at translating business requirements into viable, scalable solutions while optimizing and reworking systems to meet specific customer requirements. Curious, versatile lifelong learner.

EDUCATION

Luther College - Decorah, IA   *05/2016*
Bachelor of Arts: Computer Science, Health and Fitness Promotion

Cumulative GPA: 3.8 – **Computer Science GPA:** 4.0 – **Health and Fitness Promotion GPA:** 3.9

SKILLS

- Javascript/Typescript, Node, Java, Python, HTML, CSS/SASS, SQL (Postgres, DB2, MySQL), Bash, Unix/Linux
- Frontend frameworks like React, Angular, and Polymer
- Jest and Jasmine test suites
- API development: RESTful with JAX-RS and Flask, GraphQL, and Postman
- Agile/Lean development lifecycles: CDD/CTT & CI/CD/CT
- Modern tooling like Travis, Kubernetes, Confluence, Jira, and GitHub
- Object-Oriented and Functional Programming
- Advanced data structures
- Command Line
- Testing and debugging
- Verbal and written communications
- Conflict resolution
- Time management and organization
- Leadership, positivity, and team building
- Analytics and logging dashboards with Kibana
- UI Data visualizations with libraries like D3
- Database management and ORM
- Pandas, NumPy, Scikit Learn

EXPERIENCE

Full Stack Software Engineer / IBM Watson Health - Raleigh-Durham, NC   *08/2016 - Current*

- Develop customer facing web applications using various languages and frameworks such as Angular and React.
- Use GraphQL, JAX-RS, and Postman among other tools and open-source libraries to build APIs for various Watson Health teams.
- Utilize modern development tools such as Travis CI, GitHub, Jira, Confluence, Kubernetes, InVision, and Slack.
- Follow modern, lean development practices such as Agile, CI/CD/CT, component-driven, and test-driven development.
- Modify existing software systems to enhance performance and add new features such as integrating with GraphQL and providing real-time notification updates.
- Assess and optimized software interfaces in coordination with engineering teams and offering management.
- Demonstrate exceptional interpersonal and communication skills, which improved team collaboration, customer relationships and time to production on multiple Watson Health projects.

- Communicate highly technical concepts using easily understood terminology.
- Work closely with other development team members to identify and remove software bugs.
- Create proof-of-concept prototype applications for demonstration and evaluation purposes.
- Develop new web applications to replace legacy software bringing the user experience and UI up to date with current web standards and best practices.

Software Developer (Intern/Coop) / IBM Watson Health - Rochester, MN   *05/2015 - 05/2016*

- Developed an administrator console from the ground up to help hospital admins and CEOs better understand how Watson is being used within their clinic.
- Utilized Angular, Java, and JAX-RS

ACTIVITIES AND LEADERSHIP TRAINING

Launching Luther Leaders (L3)
Selected as one of 25 student leaders in the 2016 class through faculty recommendations and interviews. L3 focuses on the study of leadership theories and practice, applying leadership skills, and the significance of leadership on campus and in life/career. Through L3 I created an end of the year program where students donate leftover dining dollars to fund the local food pantry with food and supplies. Summer 2015 – 3,000 lbs. of food and supplies were donated.

Executive Board Member – Board Operations, Student Athlete Advisory Committee (SAAC)
Selected as one of six men's soccer players to provide insight on the student-athlete experience regarding rules, regulations, and policies. Additionally, I was selected to be a part of the executive board overseeing board operations. SAAC is responsible for fostering a positive image toward student-athletes through campus-wide promotional events and activities.

Member, Men's Varsity Soccer – NCAA Division III (four years)
Managed 30 hours of team commitments a week while maintaining GPA and involvement in other activities. Lead team study tables for underclassmen. The program is consistently ranked as one of the top 25 in the country. More importantly, the soccer team promotes hardworking student-athletes, developing a high level of teamwork both on and off the field.

ACCOMPLISHMENTS AND HONORS

- Cycled across the United States solo and unsupported from Washington to Maine - summer 2016
- Magna cum laude
- Phi Beta Kappa
- Dean's list 2013-2016
- American Rivers Conference Academic All-Conference Men's Soccer 2013-2016
- Baldacchino Soccer Award - Exceptional senior who embodies integrity and team values

WEBSITES, PORTFOLIOS, PROFILES

- https://www.linkedin.com/in/blaise-schaeffer/
- https://github.com/blaise2s