

Sebastian Wilson

☎ (312) 555-1234 ✉ sebastian.wilson@email.com 🌐 linkedin.com/in/sebastianwilson 📍 Chicago, IL 60601

SUMMARY

Driven and detail-oriented Computer Science student specializing in artificial intelligence and machine learning. Collaborated on projects enhancing healthcare solutions through innovative data analysis and predictive modeling. Demonstrated ability to analyze complex datasets using Python, R, and SQL, contributing significantly toward impactful healthcare outcomes. Engaged routinely with teams across diverse projects to refine approaches and share findings. This collaborative environment allowed for rich dialogue and growth in technical skills needed in real-world applications within healthcare. Eager to bring this dedication and expertise to a dynamic internship role.

EDUCATION

Bachelor of Science in Computer Science
University of Chicago GPA: 3.8
Coursework: Data Structures, Machine Learning, AI Ethics, Database Management

2026
Chicago, IL

TECHNICAL SKILLS

- **Programming Languages:** Python, R, SQL
- **Data Analysis Tools:** Pandas, NumPy, Matplotlib
- **Machine Learning Frameworks:** Sci-kit Learn, TensorFlow, Keras
- **Data Visualization Software:** Tableau, Power BI, Seaborn
- **Development Platforms:** Jupyter Notebook, Pycharm, AWS
- **Communication Tools:** Slack, Microsoft Teams, Zoom
- **Version Control Systems:** Git, GitHub, Bitbucket
- **Collaborative Software:** Trello, Jira, Asana
- **Cloud Computing Services:** AWS, Google Cloud Platform, Azure
- **Database Technologies:** MySQL, PostgreSQL, SQLite

SKILLS

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|--------------------|------------------------|---------------------------|------------------------|
| • Machine Learning | • Data Visualization | • Healthcare Applications | • Statistical Modeling |
| • Python | • Predictive Analytics | • Collaboration Tools | • Generative AI |
| • R | • Team Collaboration | • Project Management | • Problem Solving |
| • SQL | • Data Analysis | • Data Mining | • Research Skills |

EXPERIENCE

Healthcare AI Development Intern
University Project

June 2026 - Present
Chicago, IL

Led development of a predictive analytics model aimed at improving patient care outcomes. The project required effective collaboration with peers to ensure robust insights supported by strong data analytics.

- Collaborated with a team to develop predictive analytics focused on patient care progress.
- Employed machine learning algorithms for detailed analysis, guiding future directions.
- Utilized Python and R for informing stakeholders via a polished dashboard.
- Conducted rigorous tests of accuracy, realizing a 15% enhancement over prior models.
- Presented results to faculty, receiving acclaim for depth and insightfulness.
- Led weekly meetings promoting systematic progress updates to foster a cohesive environment.

Data Analytics Research Assistant
Academic Research

January 2026 - May 2026
Chicago, IL

Assisted research initiatives applying AI advancements within healthcare frameworks. Focus centered on effective data examination strategies, yielding observations core to initiating key improvements.

- Analyzed comprehensive datasets via SQL identifying significant trends relating to treatment outcomes.
- Drafted extensive reports with actionable suggestions designed to impact operational healthcare policies.
- Joined in communication efforts that facilitated clear presentations of findings.
- Collaborated closely with faculty to explore innovative approaches in machine learning.
- Interacted with external stakeholders clarifying the practical benefits derived from research insights.
- Contributed actively to discussions shaping ongoing investigations into newer methodologies.

AI Solutions Developer

March 2026

Hackathon Project

Chicago, IL

Developed an innovative prototype utilizing generative AI technology within a time-constrained environment. Successfully blended creativity with technical expertise to meet urgent healthcare needs.

- Engineered a generative AI application targeting efficient patient scheduling processes.
- Worked collaboratively within a five-member team defining user-friendly interfaces concentrating on accessibility.
- Implemented feedback loops enhancing application usefulness adjusted to user behavior evaluations.
- Outlined project deliverables clearly during presentation phase, recognized for forward-thinking design.
- Coordinated with mentors ensuring realization of scope aligned with health sector requirements.
- Executed post-project reflection assessing successes and refining strategic focus for enhancements.

LEADERSHIP & AWARDS

- Dean's List, 2025
- First Place, University Hackathon Competition, 2026

CERTIFICATIONS

- Google Data Analytics Certificate 📅 2025
- AWS Academy Cloud Foundations 📅 2025

PROFESSIONAL AFFILIATIONS

- Member, Computer Science Club, 2025 – Present
- Volunteer, Local Healthcare Initiative, 2025 – Present

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST