COLIN HAYES

LinkedIn | Website | GitHub

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Iowa City, Iowa | 973-412-5122

SKILLS

Languages – Python, Java, JavaScript, C++, MySQL, SQLite, HTML, CSS
Frameworks and Libraries – Pandas, React.js, Jupyter, Spring, JUnit Testing, Jest Testing, PyTorch, TensorFlow
Tools – VS Code, GitHub, Rally, Jira, AWS, IntelliJ, Databricks, PyCharm, Agile, Weka, VIM, Wing, Data Structures, Algorithms

PROFESSIONAL EXPERIENCE

Data Wrangler | *John Deere, Moline IL* | 4/2021 – Present
– Accelerated Central Parameter Analyst division performance as Automation & Data Analytics team lead, automating crucial approval, execution, and validation of supply chain management operations utilizing a combination of Python, SAP GUI Scripting APIs, SQL, DB2, and SAP HANA.
– Facilitated Automation & Data Analytics team performance by leading sprint planning, review, and standups. Established a biweekly agile development cycle to streamline effective solutions to the Parameter Analyst and EDI teams.
– Developed visualization and analytical forecasting dashboards for management using relevant tools such as Tableau, Python, Databricks, AWS, Jupyter, DB2, and SAP HANA.
– Resolved data quality, enablement, and integrity issues by leveraging mathematical and statistical techniques to integrate, ingest, compile, clean, organize, and transform datasets from multiple data sources for quantitative analysis and automation support.

Web Developer Intern | *PEAK Degrees, Chicago IL* | 10/2019 – 8/2020
– Developed 27 mobile friendly, responsive web apps utilizing Squarespace, JavaScript, HTML, and CSS for a wide variety of brands including large names like GoOats, Ford Gum, Strassburger Steaks, as well as family businesses and clinics.
– Generated over 430,000 unique viewers, 1,000,000 page views, and $640,000 for clients across the many ecommerce, blog, and homepage websites detailed in my portfolio over 10 months.
– Increased web development team performance by 25% through helping facilitate a transition to a scrum development cycle using Trello integrated with Slack.

Summer Intern | *LAMCO Slings & Riggings, Moline IL* | 6/2017 – 8/2017
– Increased team productivity by 20% by formatting, creating, and maintaining Creo CAD design projects.
– Upheld company relations and offsite operations by replacing or exchanging parts with clients across Iowa and Illinois.
– Ensured OSHA compliance and operator safety by performing physical safety inspections on over 4,000 slings and riggings.

Software Engineer Apprentice | *Edgewood Chemical & Biological Center, Rock Island Arsenal* | 6/2016 – 8/2016
– Organized the software development team by designing, building, and implementing a link management system with C# backend, HTML & CSS frontend, and XML storage which was used daily by the development team.
– Earned exceptional marks on my link management project after presenting it to the board of directors at the end of my Science and Engineering Apprenticeship Program (SEAP) program.

EDUCATION

Computer Science BS | University of Iowa | 12/2020
Mathematics Minor | University of Iowa
– Elected ACM Student Chapter Vice President (2020-2021)
– Elected ACM Student Chapter Secretary & Treasurer (2019-2020)
– Elected Associated Residence Hall Petersen Senator (2017-2018)

ACHIEVEMENTS & AWARDS

– Google Hash Code 2020 U of Iowa Hub Gold Medalist
– Google Tech Challenge 2020 U of Iowa winner
– Davenport Central Jim Fox award
– National Honor Society Member (2017)
– Clash of Clans Town Hall 12