Charlie Cuddy

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For the past eight years, I have been a high school math teacher and varsity head coach at Omaha Bryan High School. I focus on building relationship and trust by listening, being honest, and humor. A few years ago, I was selected by my principal as a leader in the building and was given the opportunity to receive a Master's degree in Leadership and Curriculum Development. I took these two years of research and paired it with my experience through summer internships in the tech community, local meet ups, constant networking, and the opportunity to be selected for Do Space's Innovation Fellowship to create, introduce, and teach our school's first computer programming course this past year. I plan to use this experience, knowledge, and new-found passion for code to transition into a career in software development.

Skills & Abilities

TECHNICAL SKILLS

· Agile/Scrum Lead	· JavaScript	· Data Analysis	· React
· Front-End [HTML5, CSS3]	· Ruby on Rails	· iOS/Swift & WordPress	· jQuery
· Research & Marketing	· Version Control [Git]	· Model-View-Controller (MVC)	· Slack/Trello
· Project Manager	· Mathematics	· Curriculum Development	· 3D Printing

RELATED WORK

· Code Projects: https://codecuddy.github.io/#codingExperience

· Code Repositories: https://github.com/codecuddy

· Computer Science Curriculum: https://codecuddy.github.io/bricklayer/

SOFT SKILLS

· Communication	· Analytical Foresight	· Building Relationships/Trust	· Self-Motivated
· Leader/Learner	· Teamwork	· Healthily Competitive	· Creative (Art & Poetry)
· Networking	· Time Management	· Detail Oriented/Organized	· Adaptability/Flexibility

INNOVATIVE EXPERIENCES

· Speaker at Greater Omaha Chamber's *Boss & Co. – Innovation* Event

· 2017: AIM Tech Educator [K-12] Teacher of the Year Winner for my work to introduce low income, minority students to computer programming, software development best practices, and 3D printing

· 2017: Do Space Innovation Fellowship: 300+ hours of coding, research, curriculum development, and community building with computer science

Work Experience

MATH TEACHER | OMAHA PUBLIC SCHOOLS-BRYAN HIGH SCHOOL | AUGUST 2010 - PRESENT

· Implemented school's first computer programming course with emphasis on Agile/Scrum practices while teaching the basics of coding, best practices on development teams, and 3D printing
· 2012: Wells Fargo Teacher of the Year [Bryan High School]
· 2010 & 2011: Wells Fargo Teacher of the Year Runner-Up [Bryan High School]
· Classes: Honors Pre-Calculous and Trigonometry, Second Year Algebra, Math Analysis, ACT Preparation

SUMMER INTERNSHIPS| AGAPE RED, PAYPAL| SUMMER OF 2015 AND 2017

· Sprint Planning and Daily Stand-ups
· Write Code in Ruby on Rails
· Sit in on Client Meetings to Learn Direction of Projects
· Learn Agile/Scrum Best Practices
· Debugging Local Projects in Rails
· Individual/Team Meetings on Growth Mindset

INNOVATION FELLOWSHIP | DO SPACE | BRICKLAYER | MAY 2017 – AUGUST 2017

· Designed Computer Programming Curriculum with local non-profit, Bricklayer
· Collaborated with UNO Professors, Dr. Winter and Dr. Love to meet state math standards and college credit
· Open-sourced for teachers with little programming background to bring code into their classrooms easily

OPERATIONS MANAGER APPRENTICE | INTERFACE THE WEB SCHOOL | MAY 2016 – AUGUST 2016

· Decisions on Marketing and Research with KOVUS and Dundee Advisor's
· Managed Interface WordPress site and social media platforms
· Co-ran Coffee and Code and Wine and Code meetups

HEAD VARSITY CROSS COUNTRY & TRACK COACH | BRYAN HIGH SCHOOL | AUGUST 2010 - PRESENT

· Grew participation by over 300% through relationship building, recruiting, and outside the box thinking
· Conduct interviews and make staff hiring decisions
· Evaluate assistant coaches and make final decision on retaining or firing them at the end of each season
· Manage financial budgets for multiple varsity athletic programs
· Organize and host several multi-team varsity cross country and track meets

Education

M.ED LEADERSHIP IN TEACHING AND LEARNING | JULY 2016 | MIDLAND UNIVERSITY

· Degree: Curriculum and Leadership – Grade Point Average 4.0
· Master's Research Thesis: https://github.com/codecuddy/Masters_Degree_Research
· Project Summary: Fusing computer programming with the existing math curriculum to study the impact it has on low income and minority students' perception of math

BACHELOR OF MATH IN EDU & HUMAN SCIENCE | MAY 2010 | UNIVERSITY OF NEBRASKA-LINCOLN

· Major: Mathematics – Grade Point Average 3.59   Endorsement: Coaching