Christopher A. Cowen

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Software Engineer

My focus is to be successful in both my career and my family. I am a well-rounded professional who can never learn enough. My personality (INTJ) enables me to think outside the box. I am an analytical problem-solver ready to improve and tackle whatever life throws my way. Being an introvert I can work behind a computer all day long and never have to talk to anyone to accomplish my goals. However, having management skills and able to lead teams through projects, whether using Agile or Waterfall or whatever else, I am able to work with and manage others regardless of their personality and background.

Being well-rounded in education and technology, I can make a difference wherever I go and in whatever I do. I love making things work and making them work well. I take pride in my work and my ability to be detailed, organized, and logical.

My specialties include problem solving, programming, manufacturing, process control, project management, software development, operational management, and training.

Skills

SQL, ASP.NET, VB.NET, C#, HTML5, CSS, JavaScript, Knockout, Angular, JQuery, Bootstrap, XML, JSON, Cordova, Ionic, iTextSharp

Microsoft Office, Adobe Acrobat, Photoshop, Illustrator, Sketchup, Visual Studio

Project Management, Scrum, Agile, Waterfall, Lean, Statistical Quality, Teaching/Training

Object-oriented Design (OOD), SOLID principals, MVC, WebAPI, Full stack

Education

Southeast Missouri State University
2006 – 2008   **Master of Science: Technology Management**
2004 – 2006   **Bachelor of Science: Industrial Technology**
2004 – 2006   **Bachelor of Arts: Philosophy**

Jefferson College
2000 – 2002   **Associate of Applied Science: Telecommunications/Networking**

Publications

Development of Computer Aided Learning Software for Use in Electric Circuit Analysis
Aug. 2011, International Transaction Journal of Engineering, Management, and Applied Sciences & Technologies

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Experience

HealthQuest Alliance (AssessMD) - 2150 S. Central Expy STE 250, McKinney, TX 75070
03 / 2013 – Present: Software Engineer / Architect

HealthQuest Alliance (AssessMD) provides mental health assessment tools to help accurately diagnose individuals suffering from mental illness (Depression, Bipolar, Anxiety, ADHD, etc.). I am able to be a key part of the company working directly with the CEO to produce the desired results needed for the advancement of the company. I am able to work on every part of development. I get to be the Architect, DBA, Developer, Designer, Tester, and more. I create databases in SQL including tables, procedures, and functions. I create back-end APIs using MVC and .Net WebAPI features. I build front-end websites and mobile apps using Cordova, Ionic, and Angular. I design and create dynamic reports using iTextSharp. I get to stay up to date with the latest technology and build with the newest frameworks.

My personality and education enables me to spend one day architecting a new part of the system and then spending the next day working out bugs in the front-end JavaScript code. I enjoy jumping into the nuts and bolts of the system, getting down to the logic. I get to manage key pieces and keep them organized and maintainable. It is nice to be part of a small team making an impact in the lives of many.

Techinsurance - 1301 Central Expy South STE 115, Allen, TX 75013
04 / 2011 - 02 / 2013: Software Developer

Techinsurance (Insureon) is one of the leading providers for small business insurance. I was able to work with and create the in-house software and tools used by the agents using VB.Net, C#, and SQL as well as help build and add to the online application used by the clients using MVC, ASP.Net, and JavaScript. On the back-end I focused on integrating our data with big insurance companies to provide real-time quotes using WSDL, SOAP, and REST. I automated the production of standardized insurance PDF forms using iTextSharp and Acrobat. I worked directly with Business Analysts, Systems Architect, and CEO to help make the company grow and succeed.

My education and ability to manage projects helped me achieve the goals for this job. I was able to dive in and perform with exceptional results. I was fortunate to be part of this team at an early stage in the company.

Integrated Test Corporation – 10365 Sanden Dr., Dallas, TX 75238
01 / 2010 - 04 / 2011: Senior Purchaser / Inventory Control / Warehouse Manager

Integrated Test builds fantastic printed circuit boards used for test machines. These boards are one of a kind that can be 50+ layers, yet still be fractions of an inch thick. I performed various tasks from purchasing raw materials to controlling inventory to managing the warehouse and shipping and receiving. I designed and created various small programs to help track and organize goods and automate material purchasing.

I was able to utilize a lot of my project management skills working here. It was fun to be part of a team that took raw materials like glue, copper, and paint and make hard core circuit boards.