

Michael Condra

Software Tools and Methods for Futures Trading

Tracy, CA 95377

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- Hello to everyone.
- I am looking for continued growth as a student of the futures market and as a software developer.
- I've worked independently to automate aspects of the interactions between a human trader and a (typical) charting program. This has less to do with trade execution, and more to do with making the charting program a flexible tool for price visualization.
- If you have money at risk in financial indices, then there might be something here to add to your mix of tools.

Authorized to work in the US for any employer

Work Experience

Software Tools and Methods for Futures Trading

Self Employed - Tracy, CA

September 2021 to Present

- Developing software tools and methods for futures trading. Focus on financial indices.
- Key phrases: Futures trading, C#, WinForms, .NET, Python, MultiCharts, MFC, C++, Interactive Brokers, Trader Workstation, TWS, IQFeed, TradeStation.

Software Developer (Full Stack)

Novo Technologies - Modesto, CA

August 2019 to August 2021

- Worked on the C# and SQLServer back end of a medical transportation dispatch system based on ASP.NET, communicating with an Ember and React front end. Contributed changes that made it easier to develop and debug server components locally; previously the focus was more on separate dev and testing using Postman or after deployment. Contributed internal documentation and assisted other developers. Participated in migration of codebase to Azure.
- Key phrases: C#, .NET, Visual Studio, VS Code, SmartGit, SQL Server, SSMS, IIS, Postman, NuGet, Node.js, NPM, Jira, Bamboo, Newtonsoft, JSON, Agile, TSQL, RDC, Azure DevOps.

Software Tools and Methods for Futures Trading

Self Employed - Tracy, CA

April 2015 to August 2019

- Developing software tools and methods for futures. Focus on financial indices.
- Key phrases: MFC, C++, C#, WinForms, TortoiseSVN, PowerLanguage, MultiCharts, TWS, Button Trader, Visual Studio.

Programmer, Charting Software

MB Trading - Manhattan Beach, CA

April 2008 to April 2015

- Built a full-featured desktop charting and trading program, starting from a skeletal charting program and a symbol- and account-data desktop program. More information is available.
- For screenshots: gyazo.com/33e4b8125e11a8da01b14cf77decdaf3 or search Google for images of MbtDesktopPro.
- Key phrases: Visual Studio, MFC, C++, C#, SVN, VMware, BCG, C++/CLI.

Programmer, Charting Software

eSignal / Interactive Data Corporation / Intercontinental Exchange - Hayward, CA
April 2004 to March 2008

- Worked on QCharts and Advanced GET charting programs. Added support for data feeds and new features.
- Key phrases: MFC, MDI, C++, SVN.

Programmer, Charting Software

Quote.com - Mountain View, CA
February 2000 to April 2004

- Ongoing development of QCharts desktop charting program.
- Key phrases: Windows, C++, technical analysis.

Consulting Software Engineer

Siemens ICN - San Jose, CA
June 1999 to February 2000

- Completed the UI of an Outlook form for the Xpressions voice-mail product.
- Key phrases: MFC, C++, Windows, Visual Studio, Exchange extensions, Outlook, ActiveVoice.

Software Engineer

Third Voice - Redwood City, CA
March 1999 to June 1999

- Worked on a browser extension and content filtering.
- Key phrases: Windows, Visual Studio, MFC, C++.

Software Developer / Lead

Seattle Lab - Kirkland, WA
February 1998 to March 1999

- Wrote web-based administration packages for the SLmail and RemoteNT services.
- Key phrases: Windows NT, Visual Studio, MFC, C++.

Software Development Engineer

Microsoft Corporation - Redmond, WA
June 1996 to December 1997

- Worked on a module that migrates Windows 95 settings to Windows NT.
- Key phrases: Windows, Windows NT, C.

Software Development Engineer

Microsoft Corporation - Redmond, WA
February 1994 to June 1996

- Worked on the Espresso no-recompile software-localization package. This allowed near-simultaneous release of new software in multiple languages.

- Key phrases: Windows, Visual Studio, MFC, C++, localization tools, Windows resources.

Software Engineer

Hewlett-Packard - Boise, ID
September 1993 to April 1994

- Worked on a font-management subsystem for LaserJet printers. Left to accept position at Microsoft.
- Key phrases: UNIX, HP-UX, C.

Senior Programmer

Xerox Corporation - Standards Group - El Segundo, CA
December 1990 to February 1993

- Responsible for software that produced camera copy for ISO-10646, superset of UNICODE.
- Key phrases: Sun workstation, SunOS, UNIX, C, sh, InterPress, UNICODE, ISO-10646.

Senior Programmer

Xerox Corporation - Corporate Font Center - El Segundo, CA
March 1983 to December 1990

- Wrote software to edit and deliver fonts for Xerox laser printers.
- Key phrases: VAX, DCL, Windows, C, Mesa, BCPL, Alto, Dandelion, Ikarus contour typefaces, font editor, image conversion.

Programmer

Information International - Culver City, CA
December 1981 to March 1983

- Worked on file-conversion applications.
- Key phrases: PDP-18 assembly language, digital typography.

Software Engineer

Autologic - Newbury Park, CA
December 1979 to December 1981

- Worked on applications to support delivery of digital typography.
- Wrote the company's first interactive font editor in NOVA assembly language, driving a plasma display.
- Key phrases: NOVA computers, font editors, phototypesetters.

Education

Master of Science in Computer Science. Artificial Intelligence Option

West Coast University - Los Angeles, CA
January 1989 to December 1989

Technical Study in IBM Commercial Data Processing

Coleman University - San Diego, CA
January 1979 to December 1979

Bachelor of Arts in Linguistics. Emphasis: Russian. Honors.

Revelle College, U. of California - San Diego, CA
January 1974 to December 1974

Additional Information

- 800 on SAT Math Achievement Test.
- Russian: 75%. Spanish: 75%.
- LinkedIn: [linkedin.com/in/michael-condra-a55725](https://www.linkedin.com/in/michael-condra-a55725)
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