

# Matthew A. Myers

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For over half my life the only jobs available to me paid between 30 cents a day, and 26 cents an hour. Thankfully the educational classes were free. This made an easy choice: Education or Slave Labor. I chose to obtain all the education I could get. This helped me avoid jobs I did not want, sometimes. I did not always have a choice as to whether or not to take a job. But whenever I was assigned to a job, I did it to the best of my ability, and tried to leave it better than I found it. This sometimes allowed me to transfer to better jobs, as I was seen to be reliable and hard working. This diverse background gives me the unique position of having both vocational and technical skills, and the ability to integrate them when appropriate.

## Skills

### Academic

#### Accounting

- Practiced with double entry bookkeeping
- Computerized accounting exercises in MS Excel so changes cascaded automatically

#### Research

- Found, and settled, a precedence dispute between two giants of mathematics
- Wrote several academic articles (see list of Publications below)
- Proficient with card catalogs and reference books

#### Teaching

- Tutored students in various subjects, including GED subjects, college math, programming, business law, and masonry
- Contextualized information for better student comprehension and relatability

#### Writing

- Edited and published a monthly multifaith Chapel Newsletter of 16+ pages
- Wrote mathematical programming articles for DERIVE newsletter

### Technical

#### Computer Applications

- Competent with MS Office, including Excel, Word, Access, Publisher, and Power Point
- Computerized, and automated, forms such as timesheets and report cards in MS Excel
- Developed library database, queries, and reports in MS Access
- Worked with drafting software such as AutoCAD
- Familiar with Lotus123

#### Computer Programming

- Wrote programs in QB, VB, VBA, TI-BASIC, C, and C++
- Programmed in legacy languages COBAL and FORTRAN
- Wrote macros inside AutoCAD, Lotus123, MS Word, MS Excel, and MS Access

## **Networking**

- Installed a classroom intranet

## **Operating Systems**

- Worked with every edition of Windows since 3.1
- Installed MS Windows and Linux
- Competent with DOS

## **Vocational**

### **Carpentry**

- Proficient with both hand and power tools
- Constructed anything I envisioned, from children's toys to cabinets
- Framed a house and related components, like made steps and rafters
- Drafted, and read, 3-view diagrams

### **Electrical Wiring**

- Wired breadboards, and took a college class for house wiring
- Upgraded electrical system on RC boat
- Obtained Arc Flash certification and practiced residential and industrial wiring

### **Horticulture**

- Designed and implemented landscape plans
- Used greenhouses and installed irrigation systems
- Conducted plant propagation for several plant species
- Carried out seasonal pruning and implemented composting

### **Marine Diesel Systems**

- Worked on different ages, and brands, of engines: Detroit Diesel, John Deer, and Mercedes
- Made a data harness and troubleshot error codes
- Rethreaded bolt holes
- Worked on related aspects like transmission and electrical systems

### **Masonry**

- Laid brick and block and poured a concrete slab
- Used scaffolding
- Made material estimates

### **Plumbing**

- Repaired a residential sprinkler system
- Worked on a boat's plumbing
- Installed an irrigation system for a pair of greenhouses
- Learned residential and business plumbing

### **Welding**

- Welded using stick, mig, and tig techniques for pipe, angle iron, and plate
- Used a mirror to make welds behind obstacles
- Welded in confined spaces and while hanging upside down
- Cut material with acetylene torch and portable bandsaw

# Employment

## Clerking (7.5 years total)

- Compiled reports
- Conducted inventory management of various materials

## Chaplain Clerk (6 months)

- Edited and published a monthly 16+ page multifaith Chapel Newsletter
- Facilitated tolerance and cooperation among the diverse religions using the chapel
- Created library database, queries, and reports in MS Access for the chapel library
- Scheduled and facilitated events
- Fulfilled religious materials requests

## Library Clerk (4 years)

- Created library database, queries, and reports in MS Access
- Implemented Dewey Decimal System to organize books
- Assisted students in research efforts
- Prepared, maintained, and repaired books

## Teacher's Assistant and Tutor (3 years)

- Computerized, and automated, bi-monthly report cards in MS Excel
- Contextualized information for better student comprehension and relatability in GED subjects, college math, programming, business law, and masonry
- Graded papers, and compiled reports
- Assisted students in both one-on-one, and group sessions

## Industrial (2.5 years total)

### Sewing Plant Operator (2 years)

- Operated Serger, Single-Needle, and other specialized sewing machines
- Assisted end-of-year plant inventory
- Automated timesheets in MS Excel
- Ensured quality standards and assisted in shipping operations
- Performed special operations for unique products, and shepherded rush orders

### Sign Plant Operator (6 months)

- Applied letters and decals to mile markers and highway signs spanning multiple lanes
- Constructed shipping crates and operated overhead 2-ton crane

## Misc. (2+ years total)

### Food Service Worker (1.5 years)

- Washed pots and pans
- Passed out food, cleaned tables, swept and mopped floors

### Health Service Assistant (8 months)

- Pushed wheelchairs
- Sanitized Rooms

## Publications

- Myers, Matthew A. “*TI-89 Keystroke Functions, Part One*” *Derive*, vol. 119, ?Date?, pp. 43-50, [www.gustromath.at/dug/dnl119.pdf](http://www.gustromath.at/dug/dnl119.pdf)
- Myers, Matthew A. “*TI-89 Keystroke Functions, Part Two*” *Derive*, vol. 120, ?Date?, pp. 18-24, [www.gustromath.at/dug/dnl120.pdf](http://www.gustromath.at/dug/dnl120.pdf)
- Myers, Matthew A. “More Functions...” *Derive*, vol. 122, ?Date?, pp. 3-5, [www.gustromath.at/dug/dnl122.pdf](http://www.gustromath.at/dug/dnl122.pdf)
- Myers, Matthew A. Letter to OEIS
- Garcia, Ramon and Myers, Matthew A. “*Composites in the Ulam spiral*,” *American Mathematical Monthly*, vol. 128, no. 3, 2021, p.238
- Myers, Matthew A. “*Ulam's Spiral Art*” May 27, 2022, [www.ti89myers.com](http://www.ti89myers.com)
- Myers, Matthew A., Hopper, Brandon and Parsons, Rossoul. “*The Distribution of Primes Ending in 1, 3, 7, and 9. with Consideration of Their Primitive Roots*” May 27, 2022, [www.ti89myers.com](http://www.ti89myers.com)
- Myers, Matthew A. (and ?) translator. “*Primitive roots of the prime numbers of the form  $2^x q^y + 1$ , in which  $q=1$  or is an odd prime number*” by G. Wertheim, May 27, 2022, [www.ti89myers.com](http://www.ti89myers.com)

Note: I'm not sure if I need to co-author this last publication, Would you ask them for me? I also noticed that every even page was skipped, so I'm sending a full copy for review (aside from pages 149-151, that I still need to translate). I do not plan to publish the translation anywhere other than my website, but that is a form of publication. I am also not sure of the dates, one Title, and web addresses of these publications. I am also not completely sure that I formatted everything here correctly.