

**Michael David Lerley**  
**(207) 632-4773**

**64 Finn Parker Rd, Gorham, ME**  
**mike@rentageekme.com**

## EXPERIENCE

**Progress Engineering**, Augusta, Maine

May 2023-Present

*Engineering Applications Developer*

- Developed and maintained VC++ lumber production optimization systems using 2D and 3D laser scanners
- Built PLC-native SQL communications library for production tally system
- Supported networking operations in industrial control environments

**Elmwood Digital**, Concord, New Hampshire

September 2020-May 2023

*Senior Developer*

- Developed cloud-based customer login portal for E3/SmartConnect with updated UI using PHP, HTML, JavaScript, CSS, Bootstrap, SOAP, MySQL, SSH, Sybase on AWS
- Developed and extended additional customer account management and analysis tools
- Provided remote desktop support for customer service agents
- Administered ESXi, VMs, FreePBX

**Rymes Propane & Oil**, Concord, New Hampshire

November 2018-September 2020

*Systems Programmer*

- Converted online ordering system to connect to ADD Systems E3/SmartConnect account management backend
- Added additional functionality to and maintained customer account portal website for two oil companies
- Built automated customer account management and analysis tools for Customer Service and Management

**Rent-A-Geek, LLC**, Augusta, Maine

June 2003-Present

*Owner/Operator/Chief Geek*

- Operated full-service company providing outsourced IT and custom programming services to consumers and small and medium businesses
- Windows, Mac and Linux desktop and server hardware and software support
- Network and cabling design, installation and maintenance – network sizes 2 to 300 stations
- Web programming – HTML, CSS, JavaScript, Perl, PHP, ColdFusion, ASP, Python
- Embedded systems programming - PBASIC, Spin, C
- Desktop application programming - VB.NET, C#, C++
- Database design and administration – MySQL, SQL Server, FileMaker Pro, Oracle, Sybase
- Cloud management, maintenance and configuration - AWS, GCP, AliCloud
- Laser printer cleaning and maintenance
- Video surveillance system design, installation and configuration
- Laptop and LCD monitor hardware repair
- Functioned as several small businesses' outsourced IT department

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**WESS**, Portland, Maine

January 2001-June 2003

*Systems Integrator*

- Backend website programming for several clients, including major e-commerce sites, using CGI, Perl, mod\_perl, PHP and MySQL
- Redesigned and customized meteorological data acquisition software in Visual Basic; converted to network-based client/server model for live data viewing
- Developed supply chain software for major telemarketer using MS SQL server and Visual Basic, integrated with legacy Paradox data entry system

**BroadcastAmerica.Com**, Portland, Maine

January 2000-January 2001

*Senior Systems Developer*

- Lead programmer for world's largest internet broadcaster
- Co-designed backend database system for web site
- Assisted Engineering staff with day-to-day operations and special projects

**Goold Health Systems, Inc.**, Augusta, Maine

August 1998-January 2000

*Technical Systems Administrator*

- Network manager and supervisor of technical and image archive departments
- Heavy internet-based Perl programming for several clients, primarily BroadcastAmerica.Com and Global Ecomm

**BonFire Enterprises**, Augusta, Maine

September 1997-July 1998

*Systems Integrator*

- Developed various system integration projects for multiple clients

**Center for Energy Information**, Winthrop, Maine

March 1996-September 1997

*Technical Specialist*

- Created and maintained an Internet presence including WWW and mail servers and virtual domains
- Administered and maintained a Windows NT network for 15 users
- Administered two Lotus Notes servers
- Installed network for Cianbro Corporation on-site at International Paper in Jay, Maine

**Central Maine Power Company**, Augusta, Maine

Summers 1993-1995

*PC Programming and Support*

## EDUCATION

**University of Maine**, Orono, Maine

December 1997

*Bachelor of Science, Computer Science*

## AFFILIATIONS

Institute of Electrical & Electronics Engineers (IEEE)

Since 1993

Association for Computing Machinery (ACM)

Since 1999

University of Maine at Augusta, Adjunct Instructor

2000-2005

*References furnished upon request*