Bryan **Jenks**

RESEARCH DATA ANAYLST II

California Correctional Health Care Services (CCHCS)

✉ bryanjenks@protonmail.com | 🏠 bryanjenks.xyz | 🔘 0000-0002-9604-3069 | 💻 tallguyjenks | in bryanjenks

I have been writing production software in a variety of languages for over 3+ years for California Correctional Health Care Services. I have a deep driven passion for software, automation, and data science. This very CV was even compiled with code.

Employment

Research Data Analyst II
Elk Grove - California

CALIFORNIA CORRECTIONAL HEALTH CARE SERVICES
October 2019 –> Present

- LANGUAGES USED — HTML, CSS, SASS, JavaScript, R, RMarkdown, SQL, CCL
- Client side Cerner Millenium Database Administrator
- I design and disseminate statistical reports and visualizations written with R and RMarkdown
- I create SQL queries to extract raw data from an enterprise wide data warehouse
- Using (HTML CSS/SASS JavaScript) as well as CCL/SQL,I draft stand alone webpages embedded in our Cerner Millenium medical software

Software Developer
Online

GITHUB.COM/TALLGUYJENKS
May 2019 –> Present

- LANGUAGES USED — HTML, CSS, SASS, JavaScript, R, RMarkdown, SQL, CCL, Rust, C, VBA, Bash, Markdown, TeX

Owner & Operator
Galt - California

NORSEMAN LEATHER WORKS
May 2015 –> Present

- LANGUAGES USED — R, RMarkdown
- Create handmade leather goods for sale through online retail
- Analyze Etsy sale csv data files with R and PowerBI to determine marketing and sale strategies
- Utilize R Programming to analyze timeseries trends in sales revenue and expenses

Associate Governmental Program Analyst
Elk Grove - California

CALIFORNIA CORRECTIONAL HEALTH CARE SERVICES
November 2018 –> October 2019

- LANGUAGES USED — R, VBA, RMarkdown, HTML, CSS
- Completed Lean Six Sigma Green Belt Project on the state wide reception center process for inmates entering state custody
- Created a report that processes over 50,000 medical records daily, that simplifies overdue medical appointment resolution for staff state wide
- Conducted data literacy and anaylsis training to over 120+ department staff of all levels from Office Assistants to CEOs at 10 remote sites
- Created automated reports with VBA programming in Excel using programming concepts such as arrays, loops, variables, objects, & API's
- Region wide subject matter expert in Microsoft Excel

Staff Services Analyst
Elk Grove - California

CALIFORNIA CORRECTIONAL HEALTH CARE SERVICES
November 2016 –> November 2018

- LANGUAGES USED — R, VBA, RMarkdown, HTML, CSS
- Conducted data literacy and anaylsis training to over 120+ department staff of all levels from Office Assistants to CEOs at 10 remote sites
- Created automated reports with VBA programming in Excel using programming concepts such as arrays, loops, variables, objects, & API's
- Region wide subject matter expert in Microsoft Excel

Information Technology Associate (T&D)
Elk Grove - California

CALIFORNIA CORRECTIONAL HEALTH CARE SERVICES
July 2018 –> September 2018

- LANGUAGES USED — SQL, CCL, VBA
- Resolved user tickets for the CCHCS Department statewide for issues related to Devices Scheduling and Mental Health Provider builds, and support in relation to the Cerner Millennium Software for the CCHCS EHRS (Electronic Health Record System)
- Used Database Administrator access to grant user permissions, build and route new resources, clinic lines, and locations within the Cerner Millennium medical software
- Troubleshoot issues related to Cerner Millennium for end users and stake holders

Health Program Specialist (A)
Elk Grove - California

CALIFORNIA CORRECTIONAL HEALTH CARE SERVICES
June 2018 –> July 2018

- LANGUAGES USED — R, VBA, RMarkdown, HTML, CSS
- Created a tool to simplify data set cleaning for most Quality Management SQL Server reports for front end staff that is utilized state wide
- Conducted data literacy and anaylsis training to over 120+ department staff of all levels from Office Assistants to CEOs at 10 remote sites
- Created automated reports with VBA programming in Excel using programming concepts such as arrays, loops, variables, objects, & API's
- Region wide subject matter expert in Microsoft Excel

Office Technician

California Correctional Health Care Services

Ione - California

April 2016 –> October 2016

- Analyzed Inmate Health Care Appeals and recommended methods of processing while preparing the appeals for review by the Appeal Coordinator
- Scheduled and conducted inmate interviews to those with disabilities trouble understanding English and low comprehension to ensure effective communication of their response from the Health Care Appeals Office
- Analyzed and interpreted trends in data from several spreadsheets of my design intended to track appeal movement through the institution and support the Health Care Appeals Coordinator in preventing overdue appeals
- Utilize the HCARTS system for the creation and tracking of Health Care Appeals in conjunction with various other programs such as SOMS, Inmate Locator, eUHR, and other correctional programs to effectively track and complete timely between 200-400 appeals per month

Office Assistant

California Correctional Health Care Services

Ione - California

September 2015 –> March 2016

- Analyzed on average 14,000+ medical documents for completion of signatures of the various stages of processing and routing and submission into the,Health Care Services eUHR Database every month.
- Documents handled such as but not limited to: Mental Health Treatment Plans, Medical Progress Notes 7230, 7362 Request for Medical Services Forms, and Dental Chart update forms.
- Analyzed and tracked trends in mail volume utilizing MS Excel for the Office Services Supervisor I and reported daily logs for their records.
- Managed created and filed various inmate Dental forms into charts for the entire inmate dental program at Mule Creek State Prison.

Education

Statistics I & II

American Council on Education - Statistics.com

Online

2019 –> 2019

Associate of Art (A.A.) Physical Education Teaching and Coaching

Cosumnes River College

Sacramento - California

2012 –> 2015

- Phi Theta Kappa Academic Honor Society

Associate of Science (A.S.) Liberal Arts: Math and Science

Cosumnes River College

Sacramento - California

2012 –> 2015

- Phi Theta Kappa Academic Honor Society

Pre-Calculus

San Joaquin Delta College

Stockton - California

2011 –> 2011

Diploma

Galt High School

Galt - California

2007 –> 2011

- AP English Literature
- AP US Government

Skills

Programming Languages

BASH, C, C#, CCL, DAX, JavaScript, Python, R, Rust, SQL, VBA

Markup Languages

CSS, HTML, LaTeX, Markdown, RMarkdown, SASS

Data Interchange Formats

CSV, JSON, XML

Version Control

GIT

Text Editors

Discern Visual Developer, RStudio, SQL Server Management Studio, VIM, Visual Studio, Visual Studio Code

Microsoft Office

Excel, Outlook, OneNote, PowerBI, PowerPoint, Visio, Word

Honors

Phi Theta Kappa Academic Honor Society _Cosumnes River College_

GRANTED TO INDIVIDUALS IN THE 90TH PERCENTILE OF THEIR GRADUATING CLASS _2015_

Galt Community Character Coalition Honesty Award _City Of Galt_

AWARDED BY THE GALT CITY COUNCIL _2010_

Projects

Lean Six Sigma Green Belt — Reception Center Intake Process _Region 1 Quality Management_

CALIFORNIA CORRECTIONAL HEALTH CARE SERVICES _2019_

- Completed a Lean Six Sigma Green Belt project on the reception center medical screening process at San Quentin State Prison improving compliance from 2% and a baseline capability aggregate of 29.96% compliance to 84% during the transition phase of the project through application of the lean 6 methodologies and tools. Scope of project affects 6 total state prisons with 3 more to be positively impacted by state wide changes resulting from this project

Universal Data Scrubber _Region 1 Quality Management_

CALIFORNIA CORRECTIONAL HEALTH CARE SERVICES _2018_

- Creation of a Universal Data Scrubbing tool sent statewide to take most department SQL Report Server exports and turn them into raw data sets for Excel Analytics for end user staff

Works

Runes _https://github.com/tallguyjenks/runes_

CONVERT A STRING OF TEXT CHARACTERS TO ELDER FUTHARK RUNES _February 2020_

- Author and Maintainer
- Released to CRAN

Certifications

Certified Lean Six Sigma Green Belt

Certified Lean Six Sigma White Belt

Microsoft Software

VARIOUS APPLICATIONS

- Microsoft Excel - 112
- Microsoft Word - 22
- Microsoft Outlook - 21
- Microsoft Power Point - 18
- Share Point - 9
- Microsoft Project - 6
- Microsoft Access - 3
- Microsoft Power BI - 3